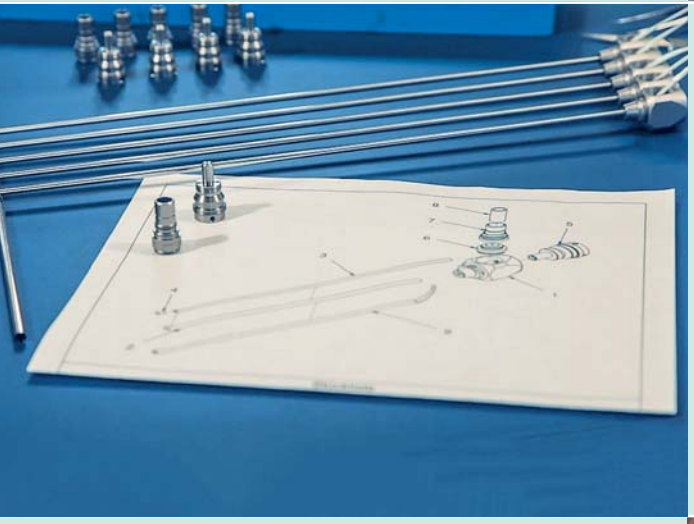
RZ Medizintechnik GmbH

Progress in Surgery

RZ Medizintechnik GmbH - Progress in Surgery. The family business was found in 1994 in Tuttlingen the center of the medical industry by Rainer Zubrod and he runs it today with his son Tobias and his family members.

By his strong commitment to produce and to market only high quality medical products, RZ has developed in recent years to a well respected and competent partner in the medical field. All the processes from development, manufacturing to worldwide distribution are performed at RZ with the utmost expertise and precision.



Our very high quality standard we achieve by the use of medical grade German stainless steel, titanium alloys and high-grade carbon fiber. The modern machinery with CNC milling and turning machines ensures a high production depth and pattern continuity. Of course, in strict compliance with the CE directives. We have been certified since 1994.

In RZ the traditional craftsmanship is done by experienced surgical instrument formen and highly skilled workers. The precise craftmanship ensures the perfection of each instrument.

Beside the wide range of standard products, RZ Medizintechnik also offers:
- Individual custom-made products
- Repair and Replacement service

Since the company was founded in 1994 the endoscopic market has also influenced the development of HD telescopes for various procedures in surgery.

In the production of RZ HD telescopes we place emphasis, quality and superior handling. Hereby we use only material of the highest quality standard such as high resolution imaging bundle. Our extensive inventory enable us absolute compliance with the schedule and short delivery times.

After the modern laser marking our products are ready for their long way as medical device.

Our competent team consisting of our area managers and our experienced medical product consultants are pleased to support our exclusive dealers and distributors worldwide.

Certified System SWISS TS ISO 13485

TÜV SÜD

Gynaecological procedures became over the last 10 years extremely important for prevention of female diseases such as uterine cancer. For preventive measurements it is necessary to develope for Hospitals, Gynaecologists and medical specialists new products which are most effective, efficient and patient friendly.

As a manufacturer of gynecologic instruments, endoscopes and equipment, we believe that it is important to make a contribution to these developments. Together with our clinical consultant Dr. Accardi we developed a range of instruments which makes the work easier, faster and more effective.

HYSTEROSCOPY

Our new Hysteroscopy catalogue contains only state of the art products for office as well as operative hysteroscopy. All products are exclusively manufactured in our German production facilities to ensure the highest quality standards.

RZ Medizintechnik offers a wide range of Hysteroscope Sets used for diagnosis of changes in the female lower abdomen, myoma and polyp resections, removal of coils, sterilisation as well as endometrial and ovarian cancer or cysts operations.
All sets are based on our 2.0mm, 2.9mm or 4.0mm FullHD telescopes. In combination with our high-grade imaging systems we provide pictures of outstanding quality.

We also would like to thank our long-term customers for the many years of support and loyalty in using RZ Medizintechnik products.
We promise to continue with our company philosophy to deliver the best quality "Made in Germany".

DR. ANTONIO ACCARDI

DR. ACCARDI INSTRUMENTS

Dr. Antonio Accardi was born in Palermo in 1976 and studied and graduated in medicine at the University of Palermo with his thesis on "Laser thermoablation in dysfunctional menometrorrhagia".

During his specialization in gynecology and obstetrics at the University of Palermo he developed a specific interest in hysteroscopy. Increased by participating in many courses and workshops as an organizer, tutor and operator.

Due to his passionated interest in emerging cultures and innovation, he attended excellence centres for hysteroscopy and enriched his cultural and scientific background by visiting hospitals in foreign countries like Japan, Taiwan and Eritrea. He gave various speeches at major national and international conferences, as the author of numerous scientific publications in his subject hysteroscopy.

He earned his specialization with honours, discussing a thesis on hysteroscopy in diseases related to the sequelae of caesarean section.

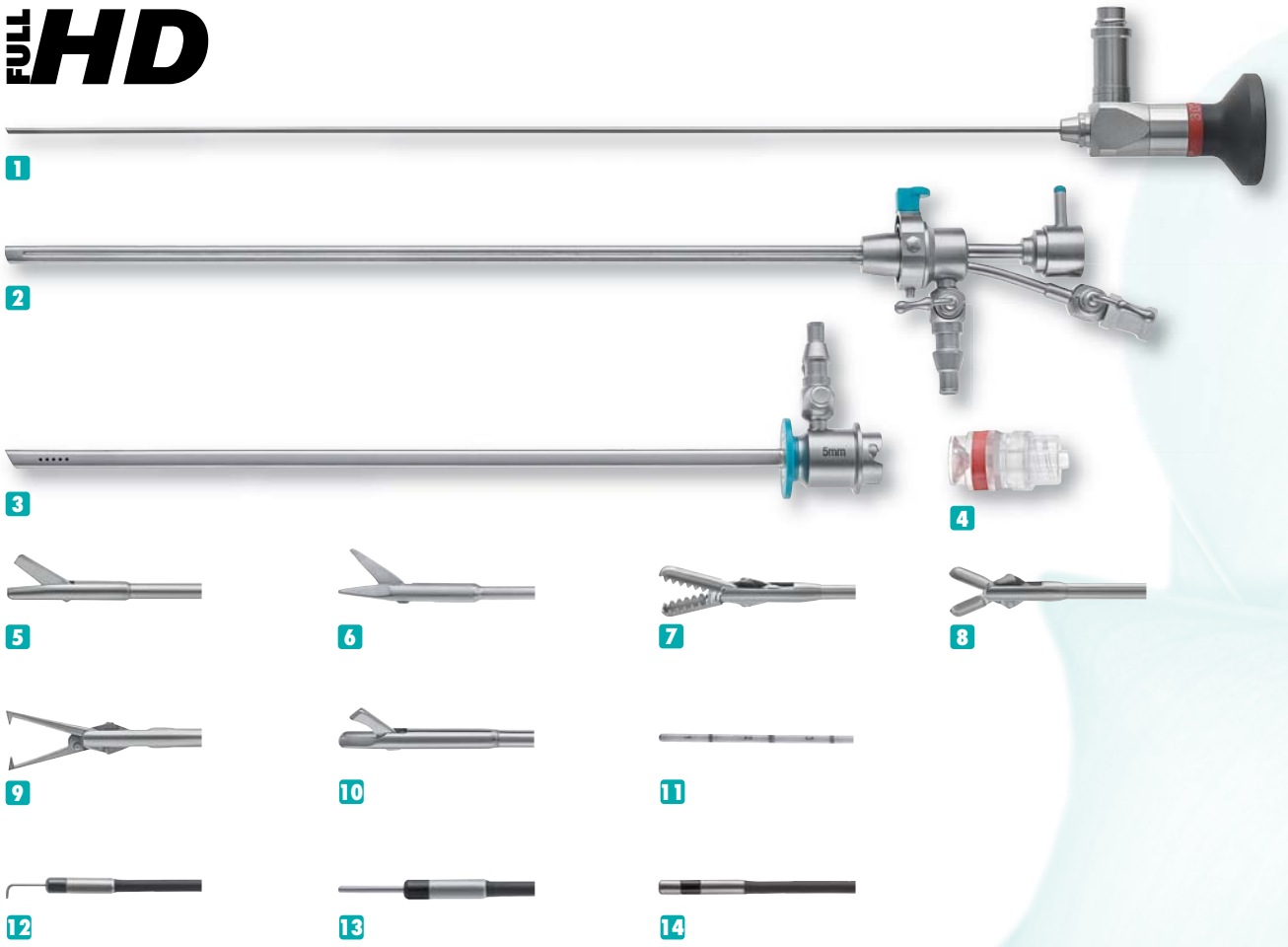
He works at the Humanitas Research Hospital (Milan) in the gynaecological department since 2009, and is actively developing new tools and technologies in the field of hysteroscopy in collaboration with RZ Medizintechnik since 2011.

Please contact our product specilist and clinical consultant for Hysteroscopy at:
Hysteroscopy@rz-medizintechnik.com

DR. ACCARDI INSTRUMENTS

Accardi hysteroscopy and intrauterine high-frequency surgery Set

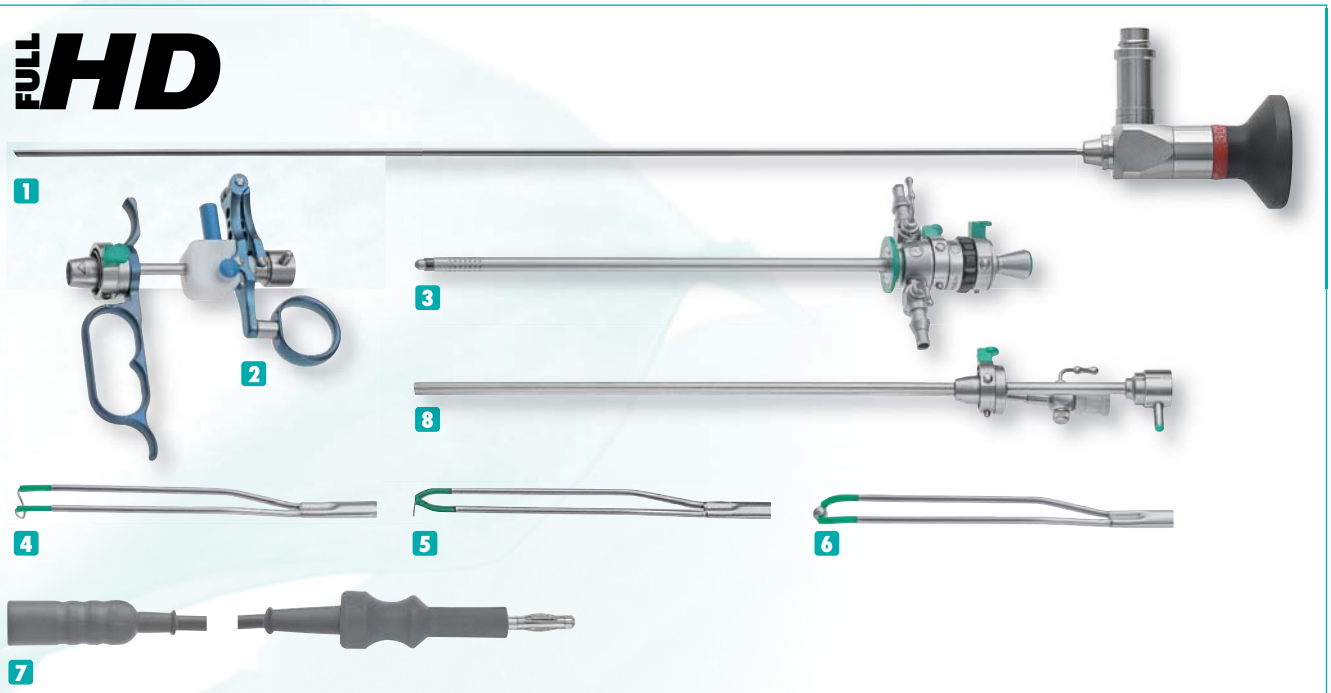
FULL HD



	Article-No.	Description	Page	Qty.
1	351-829-030	Midi Hysteroscope, ∅ 2.9mm, 30°	10	1 pc.
2	351-400-143	Operating Sheath, 5Fr.	12	1 pc.
3	351-400-150	Outer Sheath, ∅ 5mm	12	1 pc.
4	351-905-105	Disposable Silicon Valve	46	5 pcs.
5	351-100-305	5 Fr. semi-rigid Scissors, blunt, 400mm working length	18	1 pc.
6	351-118-305	5 Fr. semi-rigid Scissors, sharp, 400mm working length	18	1 pc.
7	351-116-305	5 Fr. semi-rigid Grasping Forceps, 400mm working length	18	1 pc.
8	351-120-305	5 Fr. semi-rigid Biopsy Forceps, 400mm working length	18	1 pc.
9	351-117-305	5 Fr. semi-rigid Tenaculum Forceps, 400mm working length	18	1 pc.
10	351-126-305	5 Fr. semi-rigid Biopsy Punch Forceps, 400mm working length	18	1 pc.
11	351-125-105	5 Fr. Palpation Probe, 400mm working length	19	1 pc.
12	351-360-015	5 Fr. Bipolar Needle Electrode, 90°, 360mm working length	20	1 pc.
13	351-360-005	5 Fr. Bipolar Needle Electrode, straight, 360mm working length	20	1 pc.
14	351-370-105	5 Fr. Bipolar Ball Electrode, 360mm working length	20	1 pc.

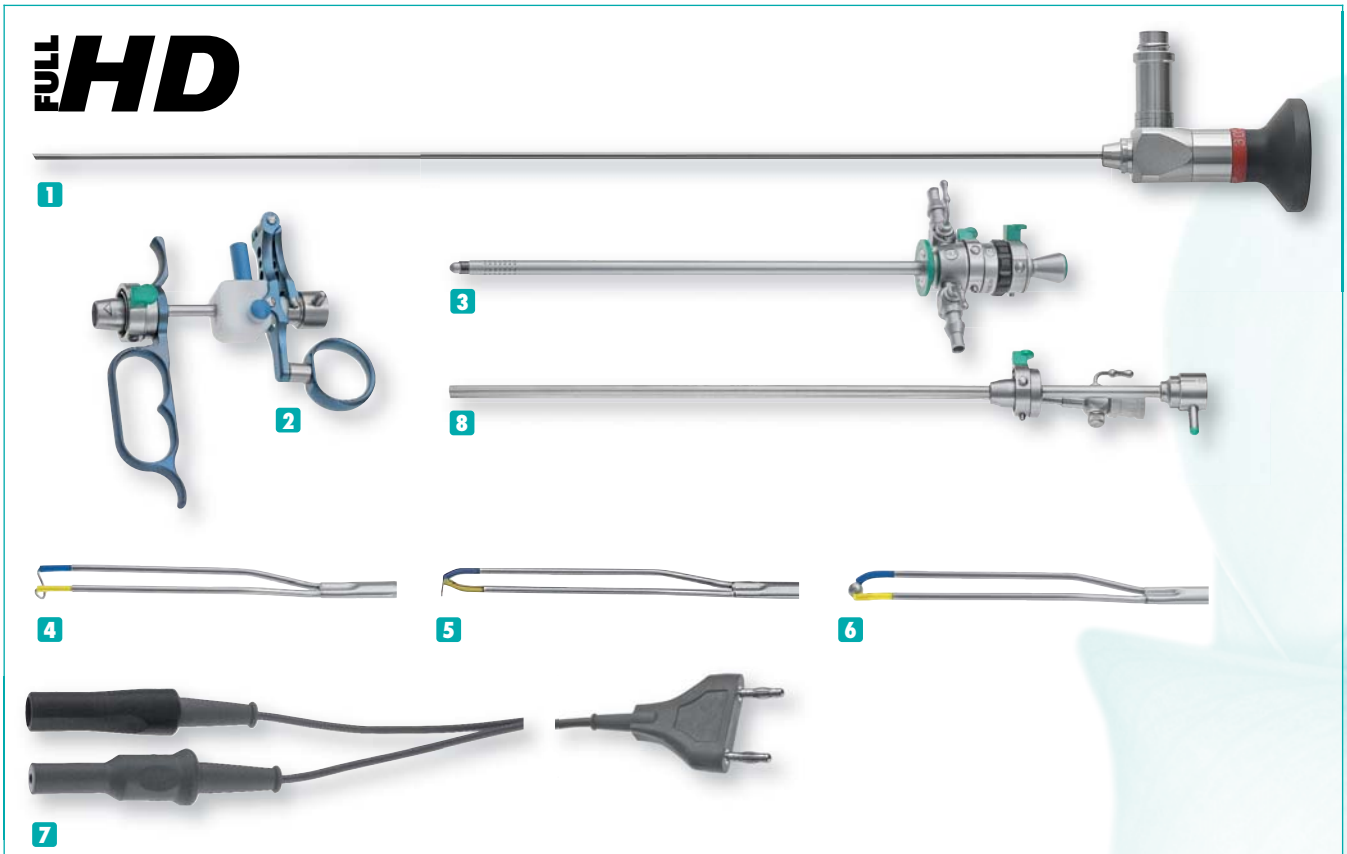
piccolo monopolar resectoscope set

FULL HD



	Article-No.	Description	Page	Qty.
1	351-829-030	Midi Hysteroscope, ∅ 2.9mm, 30°	10	1 pc.
2	351-000-200	Passive Titanium Working Element	33	1 pc.
3	351-000-185	Resectoscope Continous Flow Sheath, 18.5 Fr.	33	1 pc.
4	351-000-201	Cutting Loop Electrode	33	2 pcs.
5	351-000-203	Knife Electrode	33	1 pc.
6	351-000-205	Ball Electrode	33	1 pc.
7	253-610-004	4mm plug Monopolar Cable	21	1 pc.
8	351-000-180	Working Insert with channel for 5 Fr. Instruments	33	1 pc.

grazia Saline resectoscope set



	Article-No.	Description	Page	Qty.
1	351-829-030	Midi Hysteroscope, ∅ 2.9mm, 30°	10	1 pc.
2	351-400-200	Passive Titanium Working Element	37	1 pc.
3	351-000-185	Resectoscope Continous Flow Sheath, 18.5 Fr.	33	1 pc.
4	351-400-401	Cutting Loop Electrode	37	2 pcs.
5	351-400-403	Knife Electrode	37	1 pc.
6	351-400-405	Ball Electrode	37	1 pc.
7	253-400-603	4mm plug Monopolar Cable (Valleylab)	37	1 pc.
8	351-000-180	Working Insert with channel for 5 Fr. Instruments	33	1 pc.

BIPOLAR

NaCl

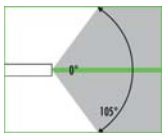
Electrodes designed for RZ HF unit 700-350-400 shown on pages 76-77. Optimized and fits excellent for RZ bipolar resection

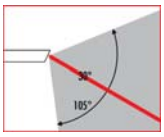
Hysteroscopy Equipment Set

	Article-No.	Description	Page	Qty.
1	351-100-200	Basic Irrigation Pump P1	62	1 pc.
2	300-001-800	HD Camera F3	64	1 pc.
3	300-001-813	TV-Coupler, f=14mm	69	1 pc.
4	300-010-219	TFT iLumen Radiance Monitor	76	1 pcs.
5	300-900-180	LUMEN LED 1 Light Source	72	1 pc.
6	250-035-230	XENON Light Cable, 2300mm	73	1 pc.
7	250-039-000	Adapter RZ/Storz	73	1 pc.
8	250-042-000	Adapter RZ/Storz/Olympus	73	1 pc.
9	300-001-999	RZ Trolley	-	1 pc.

Mini-Diagnostic Hysteroscope Set ∅ 2mm

For many years Hysteroscopy was not the first choice procedure for Gynaecologists as instruments had a big diameter and a painful dilation of the cervical channel was necessary. Now, RZ Medizintechnik GmbH offers a Mini-Diagnostic Hysteroscope and Operative Set. Our Real Semi-Flex Hysteroscopes ensure a long life-time of smallest endoscopes, making Hysteroscopy a fast, safe and cost-effective procedure in Gynaecology.



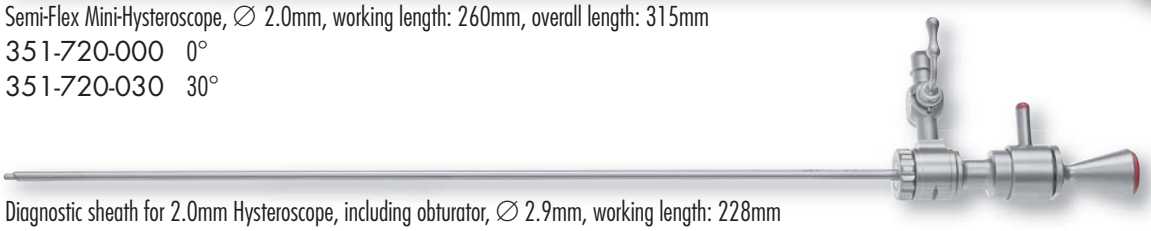


FULL HD

Semi-Flex Mini-Hysteroscope, ∅ 2.0mm, working length: 260mm, overall length: 315mm

351-720-000 0°

351-720-030 30°



Diagnostic sheath for 2.0mm Hysteroscope, including obturator, ∅ 2.9mm, working length: 228mm

1:1

351-720-200 for 0° Hysteroscope

1:1

351-720-300 for 30° Hysteroscope

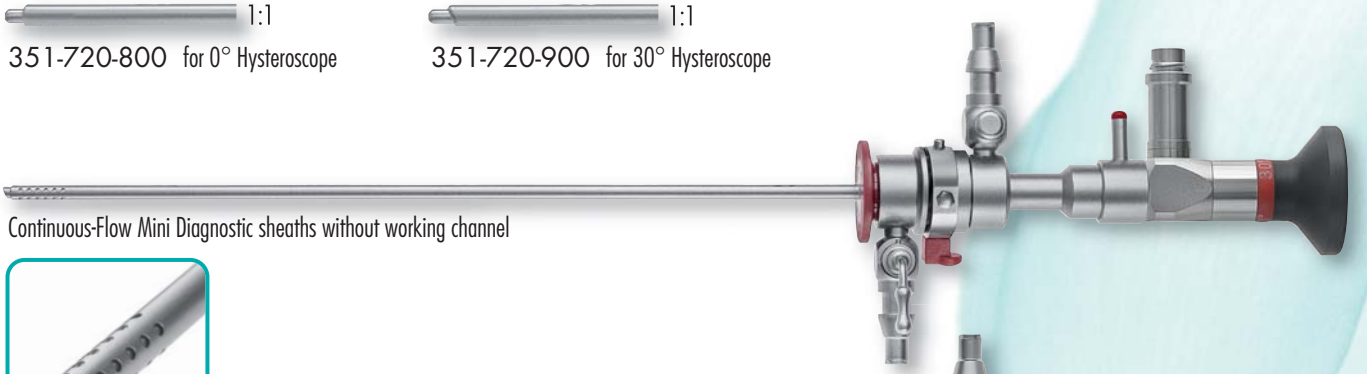
Diagnostic sheath for 2.0mm Hysteroscope, including obturator, recommended for **CO_2 gas dilation**, ∅ 2.9mm, working length: 228mm

1:1

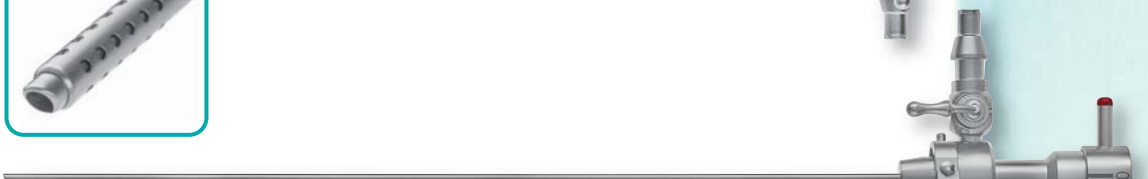
351-720-800 for 0° Hysteroscope

1:1

351-720-900 for 30° Hysteroscope

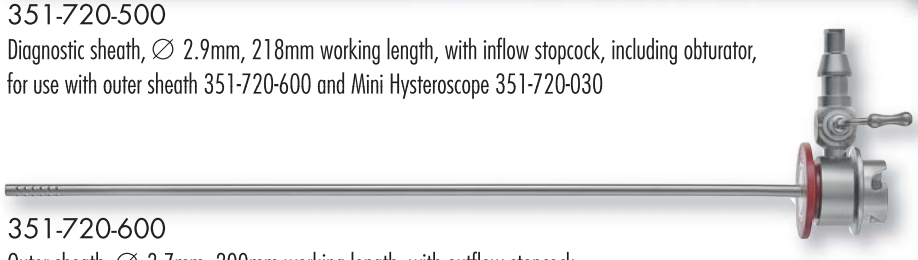


Continuous-Flow Mini Diagnostic sheaths without working channel



351-720-500

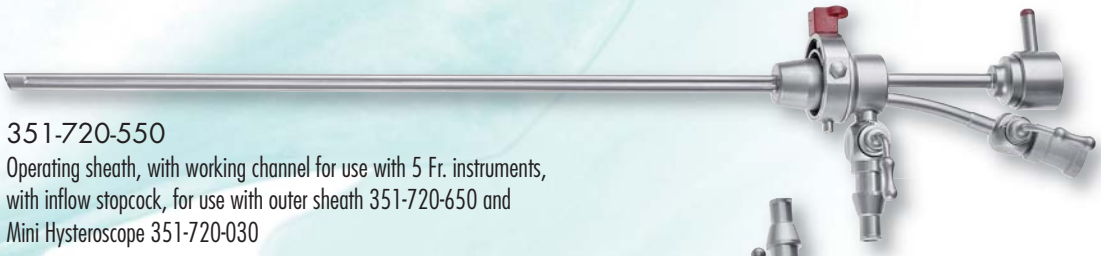
Diagnostic sheath, ∅ 2.9mm, 218mm working length, with inflow stopcock, including obturator, for use with outer sheath 351-720-600 and Mini Hysteroscope 351-720-030



351-720-600

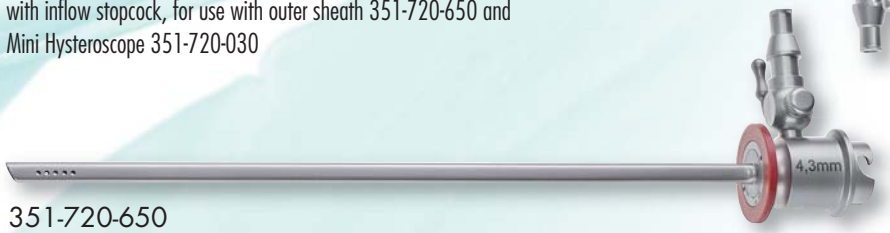
Outer sheath, ∅ 3.7mm, 200mm working length, with outflow stopcock, for use with diagnostic sheath 351-720-500

Continuous-Flow Mini Operating sheaths with working channel



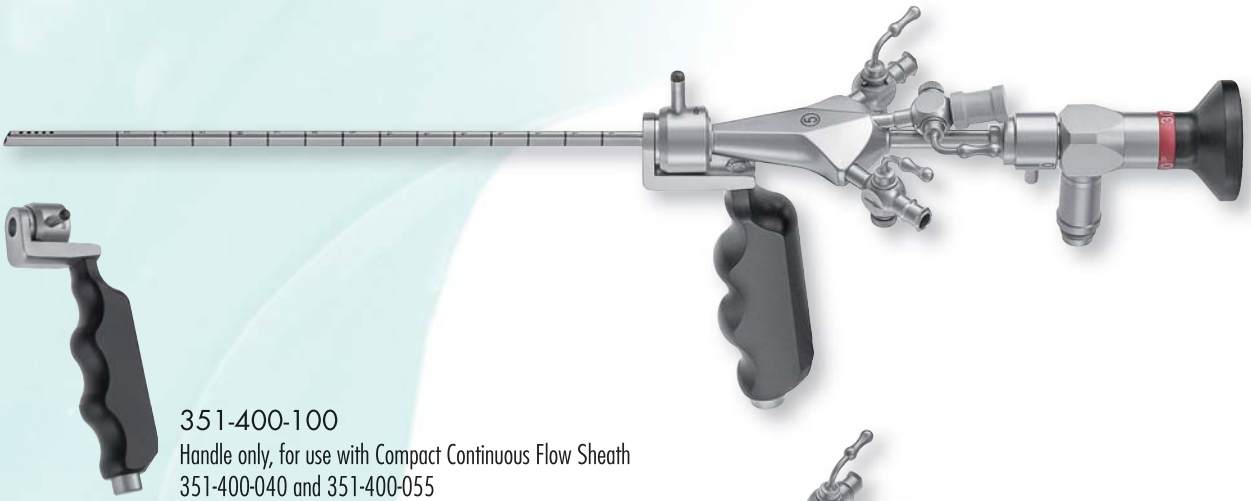
351-720-550

Operating sheath, with working channel for use with 5 Fr. instruments, with inflow stopcock, for use with outer sheath 351-720-650 and Mini Hysteroscope 351-720-030



351-720-650

Outer sheath, ∅ 4.3mm, oval shape, 192mm working length, with outflow stopcock, for use with operating sheath 351-720-550



351-400-100

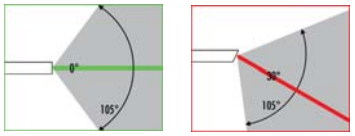
Handle only, for use with Compact Continuous Flow Sheath 351-400-040 and 351-400-055

351-400-040

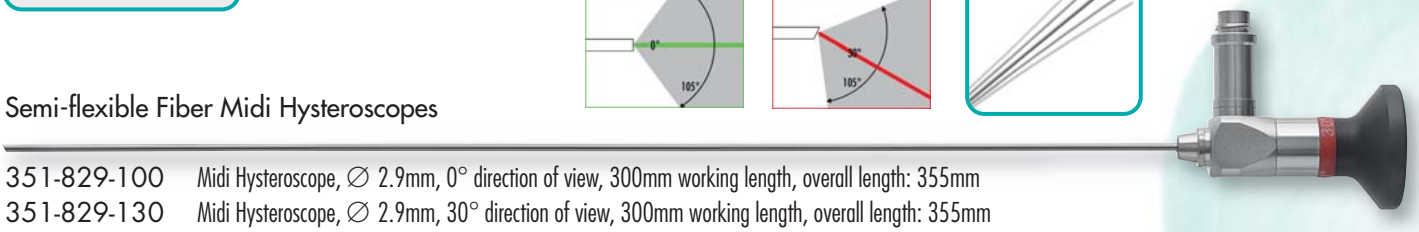
Compact Continuous-Flow sheath, ∅ 4.3mm, oval shape, working length: 170mm, with working channel for use with 5 Fr. instruments and 2 stopcocks for inflow and outflow, for use with Mini Hysteroscope 351-720-030

Ø 2mm

Midi Hysteroscope Set ∅ 2.9mm

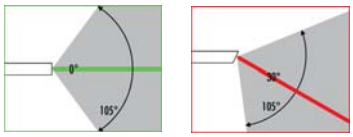


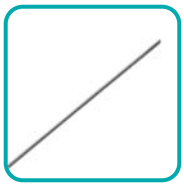
Semi-flexible Fiber Midi Hysteroscopes



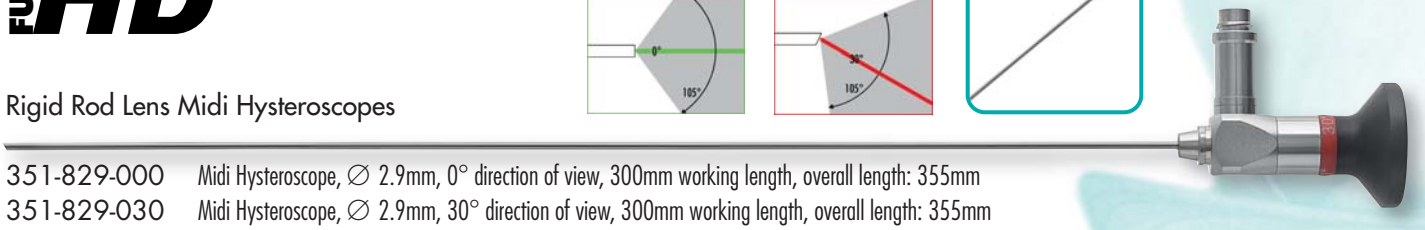
351-829-100 Midi Hysteroscope, ∅ 2.9mm, 0° direction of view, 300mm working length, overall length: 355mm
351-829-130 Midi Hysteroscope, ∅ 2.9mm, 30° direction of view, 300mm working length, overall length: 355mm

FULL HD





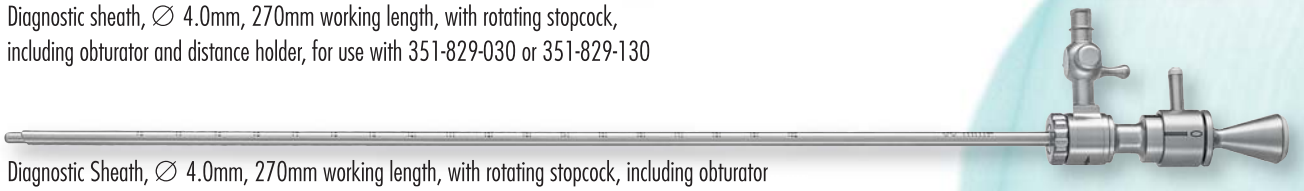
Rigid Rod Lens Midi Hysteroscopes



351-829-000 Midi Hysteroscope, ∅ 2.9mm, 0° direction of view, 300mm working length, overall length: 355mm
351-829-030 Midi Hysteroscope, ∅ 2.9mm, 30° direction of view, 300mm working length, overall length: 355mm

Midi diagnostic sheaths

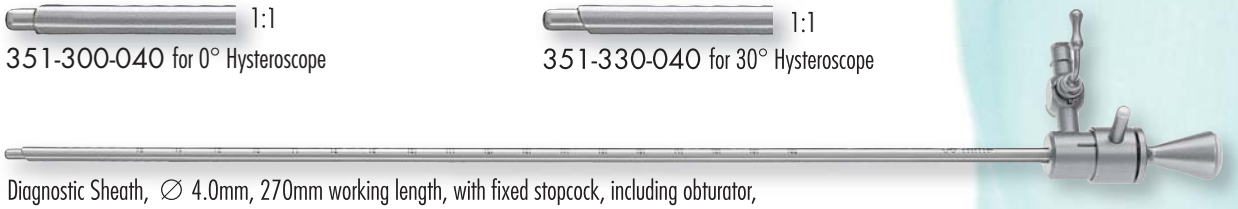
351-230-040
Diagnostic sheath, ∅ 4.0mm, 270mm working length, with rotating stopcock, including obturator and distance holder, for use with 351-829-030 or 351-829-130



Diagnostic Sheath, ∅ 4.0mm, 270mm working length, with rotating stopcock, including obturator

1:1
351-300-040 for 0° Hysteroscope

1:1
351-330-040 for 30° Hysteroscope

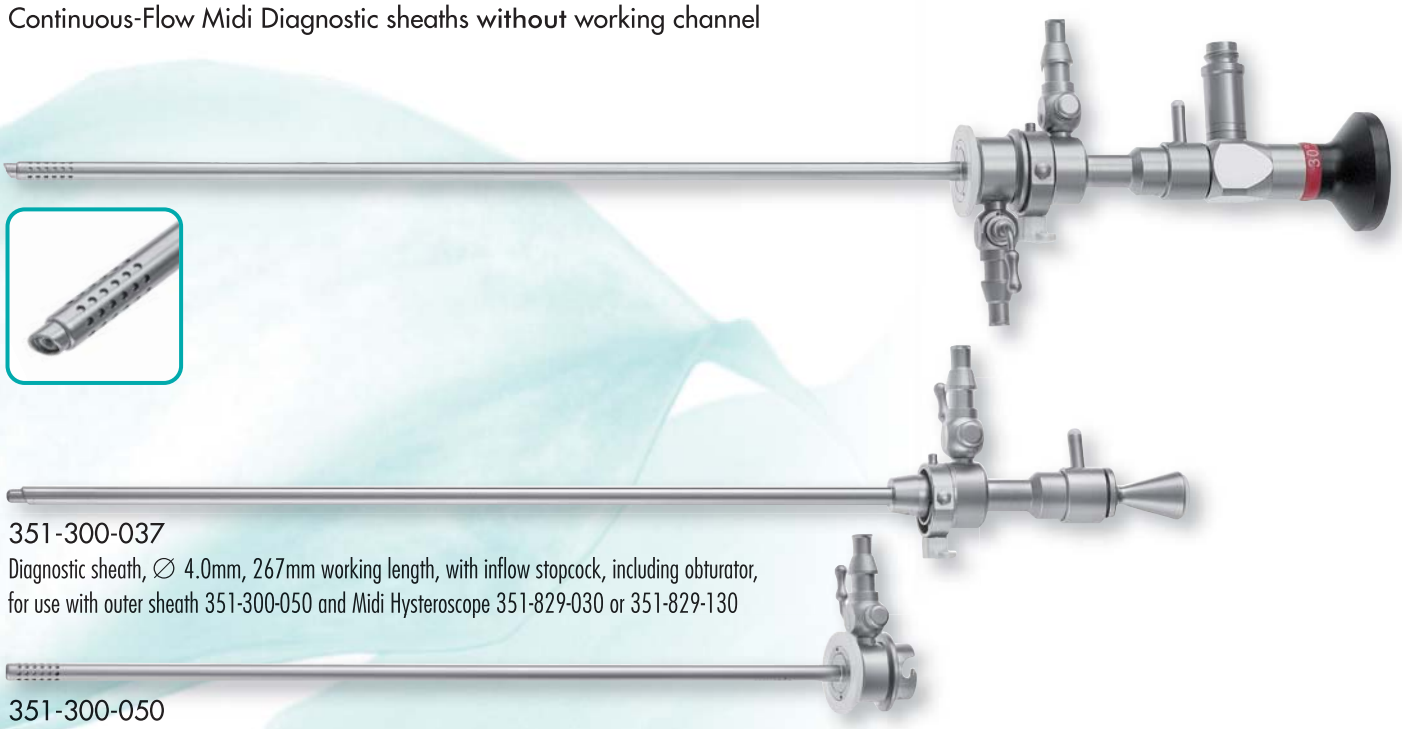


Diagnostic Sheath, ∅ 4.0mm, 270mm working length, with fixed stopcock, including obturator, recommended for **CO_2 gas dilation**

1:1
351-500-040 for 0° Hysteroscope

1:1
351-530-040 for 30° Hysteroscope

Continuous-Flow Midi Diagnostic sheaths **without** working channel



351-300-037
Diagnostic sheath, ∅ 4.0mm, 267mm working length, with inflow stopcock, including obturator,
for use with outer sheath 351-300-050 and Midi Hysteroscope 351-829-030 or 351-829-130

351-300-050
Outer sheath, ∅ 5.0mm, 240mm working length, with outflow stopcock,
for use with diagnostic sheath 351-300-037

Midi Operating sheath **with** working channel

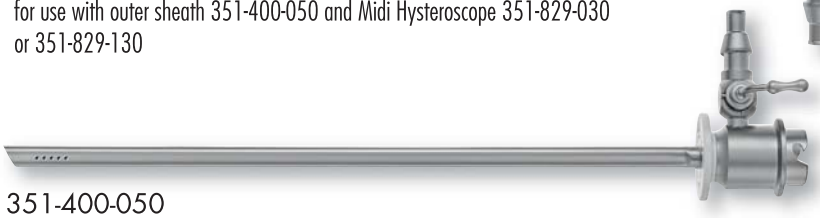
351-400-037
Operating sheath, with working channel for use with 5 Fr. instruments, ∅ 5mm, pear-shaped shaft,
248mm working length, with inflow and outflow stopcock, for use with 351-829-030 or 351-829-130

Ø 2.9mm

Continuous-Flow Midi Operating sheaths
with working channel

192mm working length

351-400-043
Operating sheath, with working channel for use with 5 Fr. instruments, with inflow stopcock, for use with outer sheath 351-400-050 and Midi Hysteroscope 351-829-030 or 351-829-130

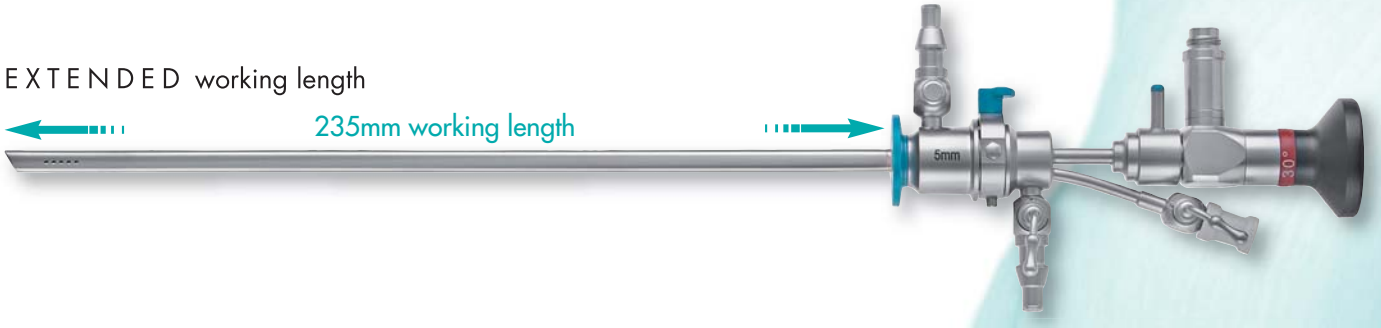


351-400-050
Outer sheath, ∅ 5.0mm, pear-shaped shaft, 192mm working length, with outflow stopcock, for use with operating sheath 351-400-043

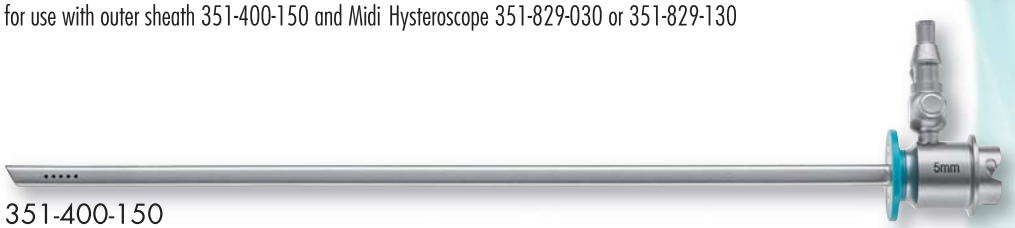
351-905-105
Disposable Silicone Valve with LuerLock connection for use with 3 - 10Fr. instruments sterile packed, package with 10 pieces

EXTENDED working length

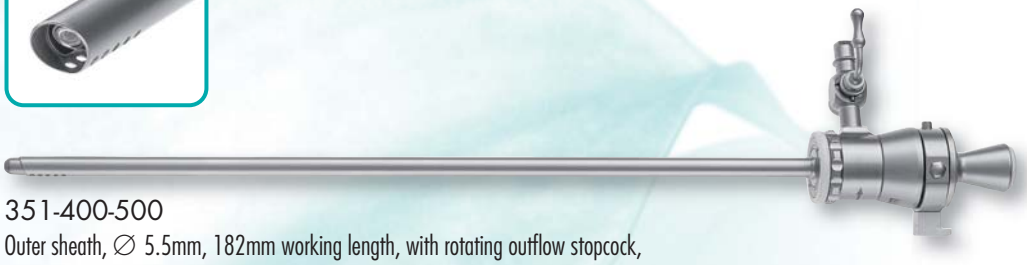
235mm working length



351-400-143
Operating sheath, with working channel for use with 5 Fr. instruments, with inflow stopcock, for use with outer sheath 351-400-150 and Midi Hysteroscope 351-829-030 or 351-829-130



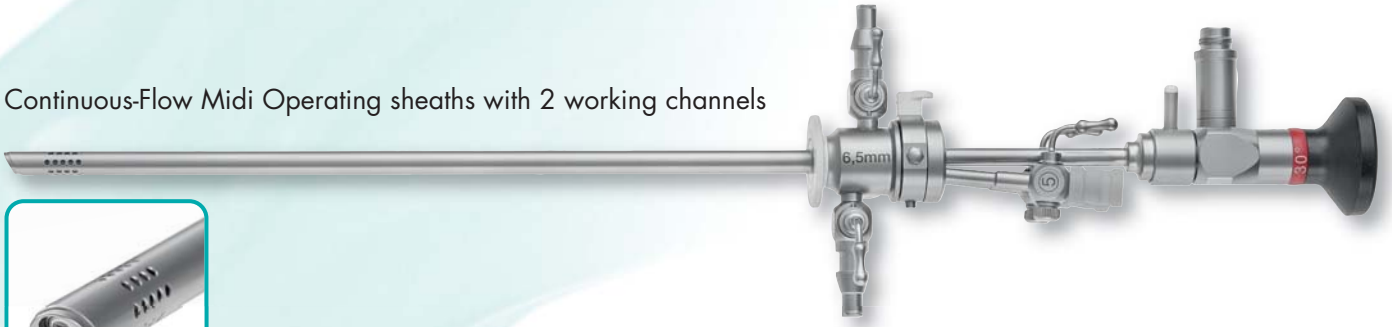
351-400-150
Outer sheath, ∅ 5.0mm, pear-shaped shaft, 235mm working length, with outflow stopcock, for use with operating sheath 351-400-143



351-400-500
Outer sheath, ∅ 5.5mm, 182mm working length, with rotating outflow stopcock,
for use with operating sheath 351-400-500

351-400-550
Operating sheath, with working channel for 5 Fr. instruments, with inflow stopckock,
for use with outer sheath 351-400-500 and Midi Hysteroscope 351-829-030 or 351-829-130

Continuous-Flow Midi Operating sheaths with 2 working channels

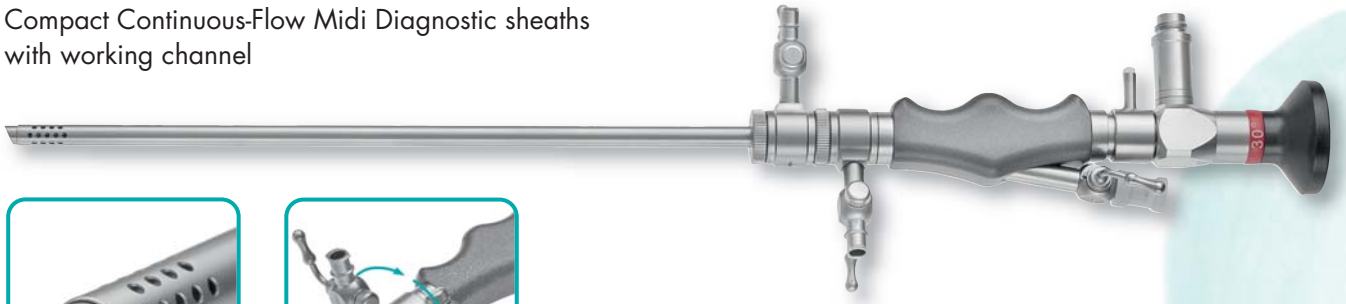


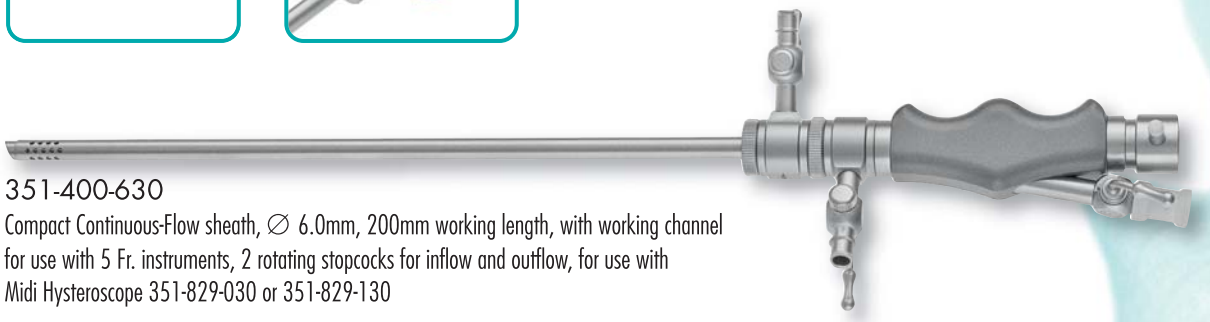
351-400-650
Outer sheath, ∅ 6.5mm, 210mm working length, with inflow and outflow stopcock,
for use with operating sheath 351-400-700

351-400-700
Operating sheath, with 2 working channel for 5 Fr. instruments, for use with
outer sheath 351-400-650 and Midi Hysteroscope 351-829-030 or 351-829-130

Ø 2.9mm

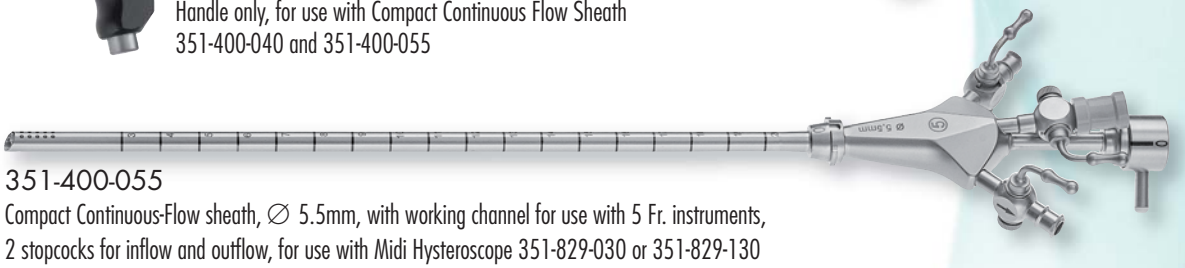
Compact Continuous-Flow Midi Diagnostic sheaths
with working channel





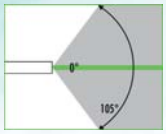
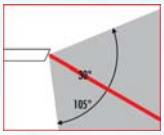
351-400-630
Compact Continuous-Flow sheath, ∅ 6.0mm, 200mm working length, with working channel for use with 5 Fr. instruments, 2 rotating stopcocks for inflow and outflow, for use with Midi Hysteroscope 351-829-030 or 351-829-130

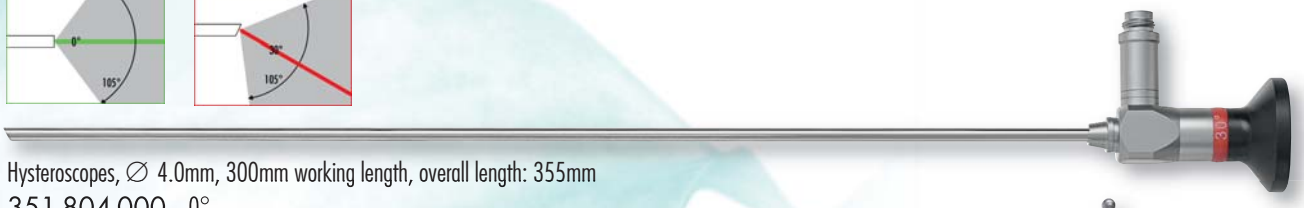
351-400-100
Handle only, for use with Compact Continuous Flow Sheath
351-400-040 and 351-400-055



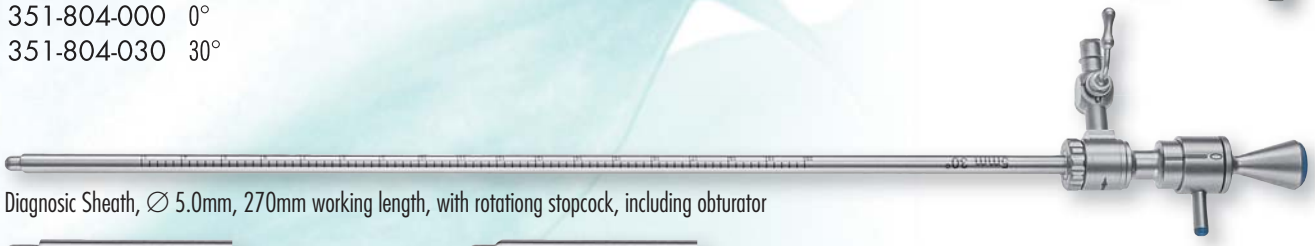
351-400-055
Compact Continuous-Flow sheath, ∅ 5.5mm, with working channel for use with 5 Fr. instruments, 2 stopcocks for inflow and outflow, for use with Midi Hysteroscope 351-829-030 or 351-829-130

Ø 2.9mm



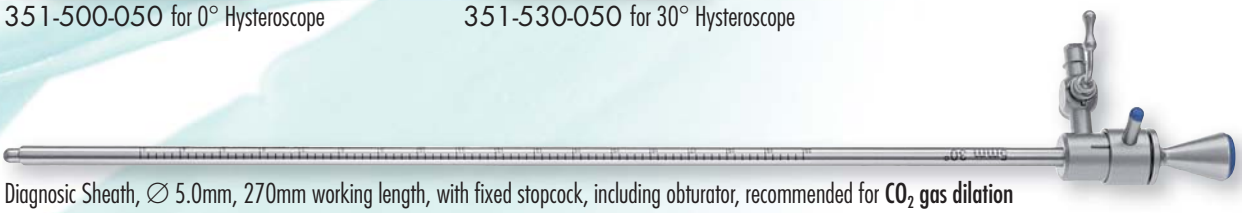
Hysteroscopes, ∅ 4.0mm, 300mm working length, overall length: 355mm
351-804-000 0°
351-804-030 30°



Diagnosic Sheath, ∅ 5.0mm, 270mm working length, with rotationg stopcock, including obturator

1:1
351-500-050 for 0° Hysteroscope

1:1
351-530-050 for 30° Hysteroscope



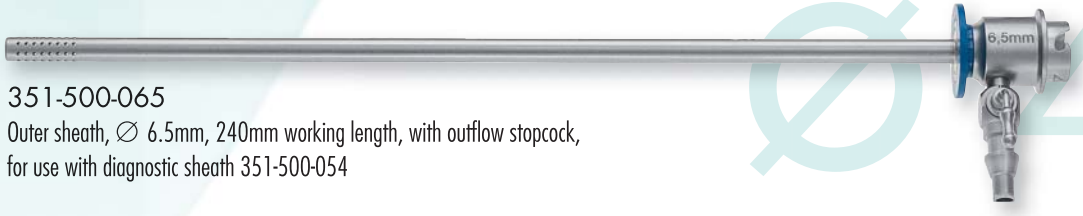
Diagnosic Sheath, ∅ 5.0mm, 270mm working length, with fixed stopcock, including obturator, recommended for **CO_2 gas dilation**

1:1
351-600-050 for 0° Hysteroscope

1:1
351-630-050 for 30° Hysteroscope

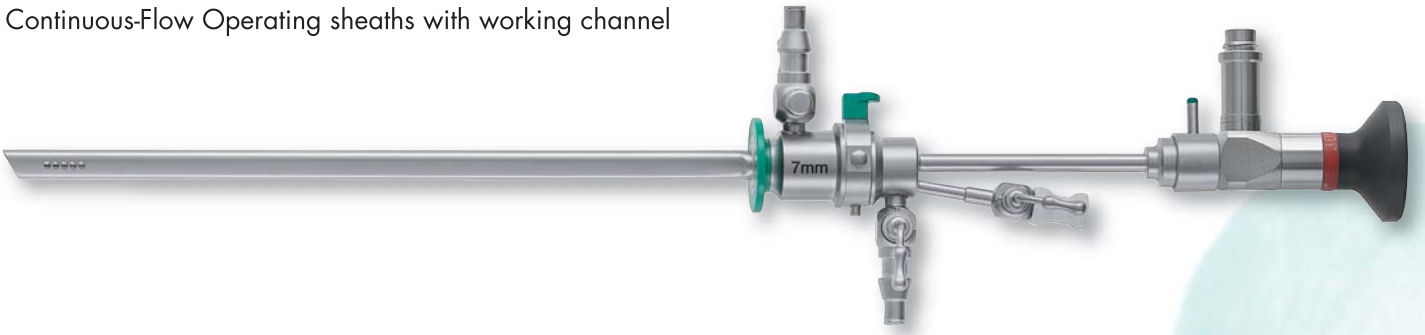
Continuous-Flow Diagnostic sheaths without working channel

351-500-054
Diagnostic sheath, ∅ 5.4mm, 260mm working length, with inflow stopcock, including obturator,
for use with outer sheath 351-500-065 and Hysteroscope 351-804-030

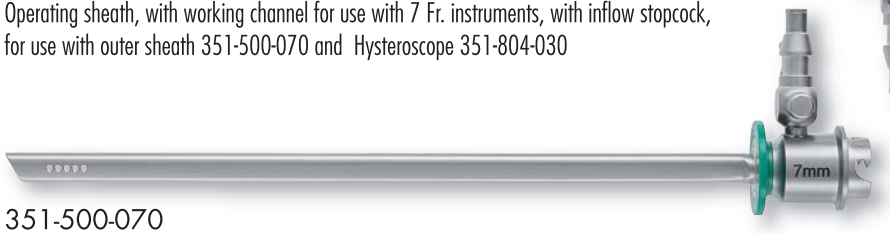


351-500-065
Outer sheath, ∅ 6.5mm, 240mm working length, with outflow stopcock,
for use with diagnostic sheath 351-500-054

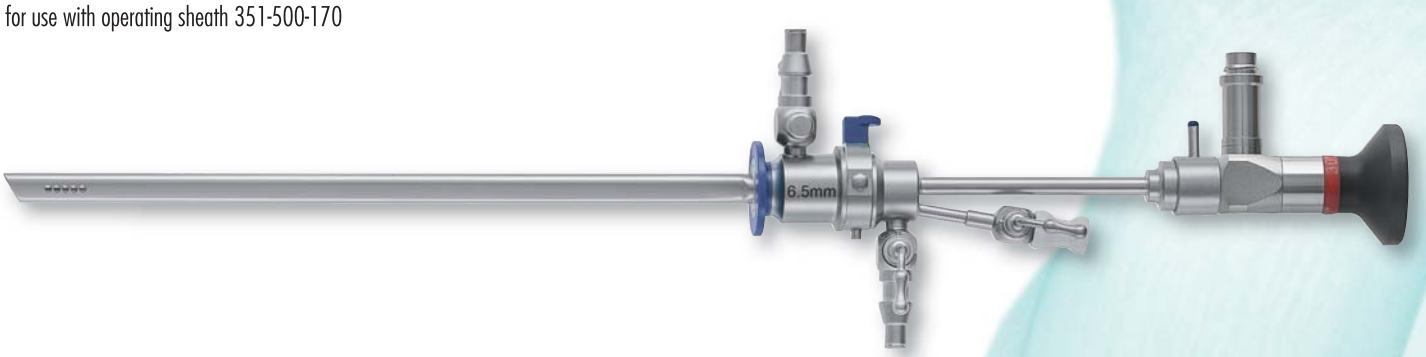
Continuous-Flow Operating sheaths with working channel



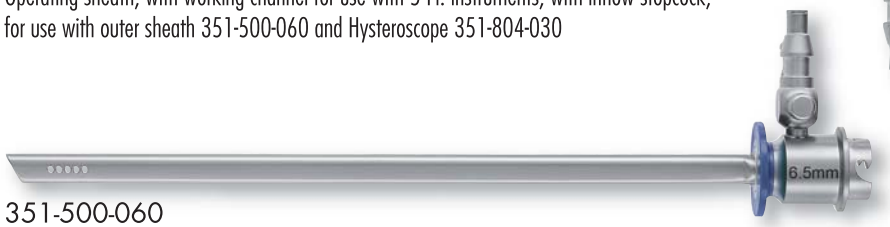
351-500-170
Operating sheath, with working channel for use with 7 Fr. instruments, with inflow stopcock, for use with outer sheath 351-500-070 and Hysteroscope 351-804-030



351-500-070
Outer sheath, ∅ 7.0mm, pear-shaped shaft, 192mm working length, with outflow stopcock, for use with operating sheath 351-500-170



351-500-160
Operating sheath, with working channel for use with 5 Fr. instruments, with inflow stopcock, for use with outer sheath 351-500-060 and Hysteroscope 351-804-030



351-500-060
Outer sheath, ∅ 6.5mm, pear-shaped shaft, 192mm working length, with outflow stopcock, for use with operating sheath 351-500-160

Ø 4mm

351-200-100
Compact Operating Hysteroscope, 5° direction of view, with 6 Fr. working channel, 200mm working length.
With 2 lateral suction-irrigation connections and 2 working channels for semi-rigid and flexible accessories.

- Distal Tip: 3.0mm
- Conical distal sheath: 2.9 x 4.0 mm
- Round proximal sheath: ∅ 4.4mm
- Working channel: 6 Fr. for use with 5 Fr. instruments

351-905-500
Silicone Valve Adaptor for RZ Uretero-Renoscope working channels

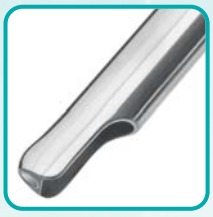
351-905-400
Silicone Valve, package with 5 pieces

Features and Benefits of the RZ Compact Hysteroscopes

- Full HD 50.000 Pixel Fiber System for brilliant picture quality
- Semi-flexible shaft
- Atraumatic Tip Design for easy introduction
- Soft-step tapered shaft for atraumatic dilation
- Silicone valve system with 2 parallel sealings for leakage-free working channels
- Large working channels for use with all necessary accessories and instruments
- Oblique irrigation/suction channels for better dilation and continuous suction, increased vision during bleedings
- Oblique light connector for ergonomic handling

Tapered shaft

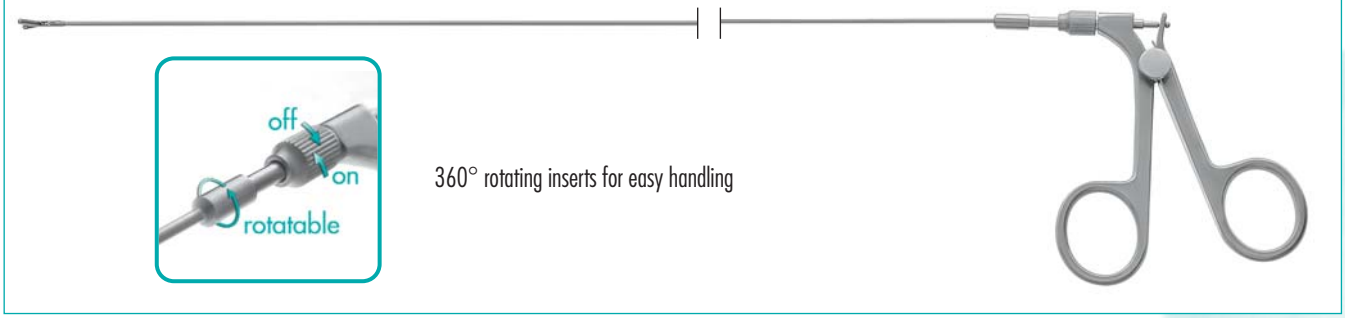
50.000 Pixel Fiber System



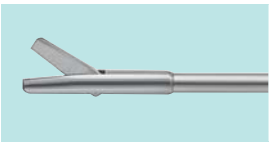
Atraumatic Tip Design

Ø 4mm

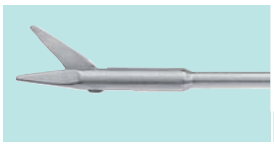
5 Fr. Semi-Rigid Hysteroscopy Instruments



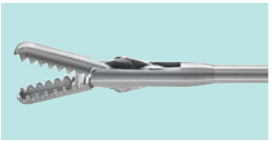
360° rotating inserts for easy handling



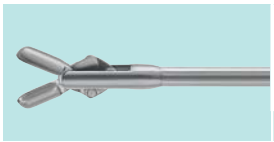
351-100-305 400mm
351-100-335 340mm
Scissors, blunt tips, single action



351-118-305 400mm
351-118-335 340mm
Scissors, sharp tips, single action

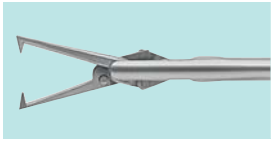


351-116-305 400mm
351-116-335 340mm
Grasping Forceps with cup, serrated, double action



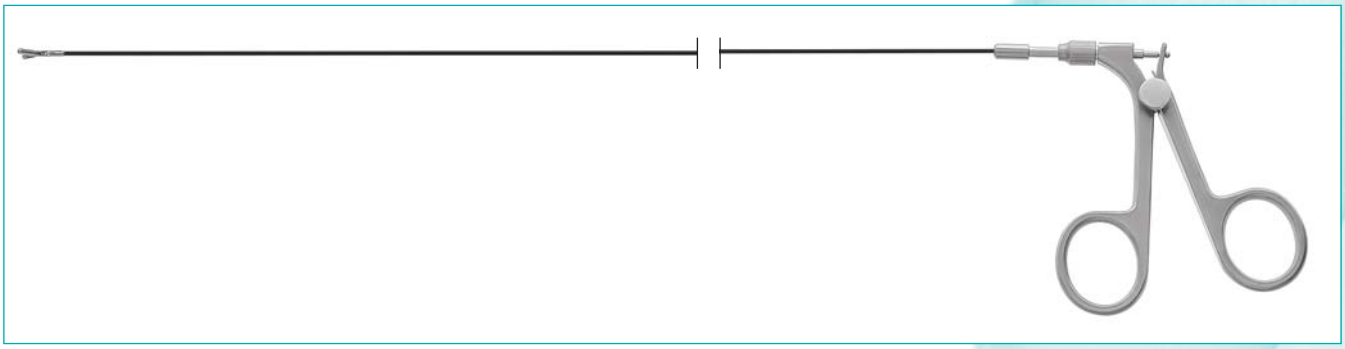
351-120-305 400mm
351-120-335 340mm
Biopsy Forceps, double action

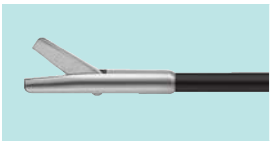
351-126-305 400mm
351-126-335 340mm
Biopsy Punch Forceps, single action



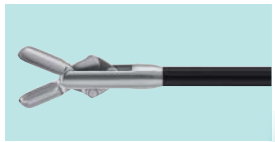
351-117-305 400mm
351-117-335 340mm
Tenaculum Forceps, 1x1 teeth, double action

5 Fr. flexible insulated Hysteroscopy Instruments

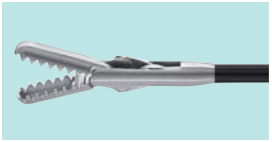




351-100-205 400mm
351-100-235 340mm
Scissors, blunt tips, single action

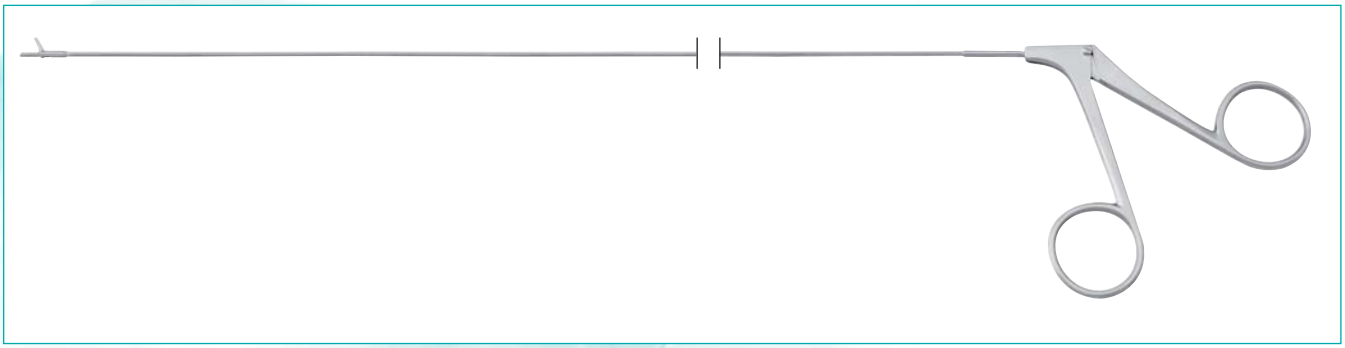


351-120-205 400mm
351-120-235 340mm
Biopsy Forceps, double action



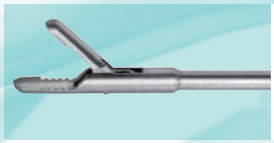
351-116-205 400mm
351-116-235 340mm
Grasping Forceps with cup, serrated, double action

5 Fr. and 7 Fr. Semi-Rigid Hysteroscopy Instruments



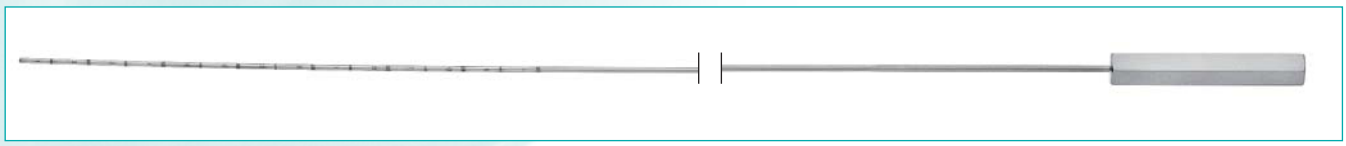
351-410-425 5 Fr.
351-410-427 7 Fr.
Scissors, blunt tips, single action,
400mm working length

351-410-225 5 Fr.
351-410-227 7 Fr.
Biopsy Punch, single action,
400mm working length

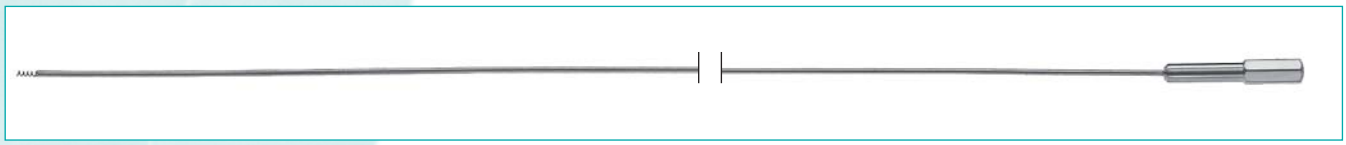


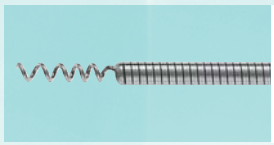
351-410-325 5 Fr.
351-410-327 7 Fr.
Biopsy Forceps, oval cup, serrated,
400mm working length

5 Fr. Hexagonal Handle Hysteroscopy Instruments



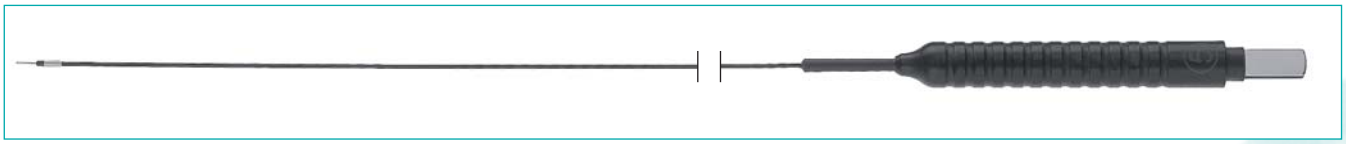
351-125-105 400mm
351-125-135 340mm
Palpation Probe, graduated



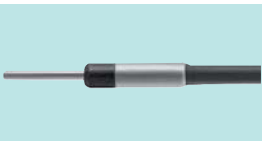


351-124-105 400mm
351-124-135 340mm
Myoma Fixation Screw, semi-rigid

5 Fr. Hysteroscopy Electrodes



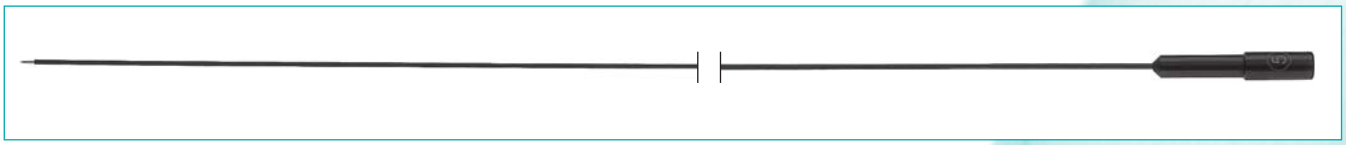
BIPOLAR



351-360-005
Bipolar Needle Electrode, straight tip,
360mm working length

351-370-105
Bipolar Ball Electrode,
360mm working length

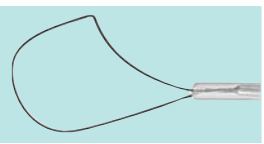
351-360-015
Bipolar Needle Electrode, 90° angled tip,
360mm working length



MONOPOLAR

351-380-360
Monopolar Needle Electrode,
360mm working length

351-385-360
Monopolar Ball Electrode,
360mm working length



253-570-005
Polypectomy Snare,
340mm working length

BIPOLAR CABLES

Generator end

2-Banana

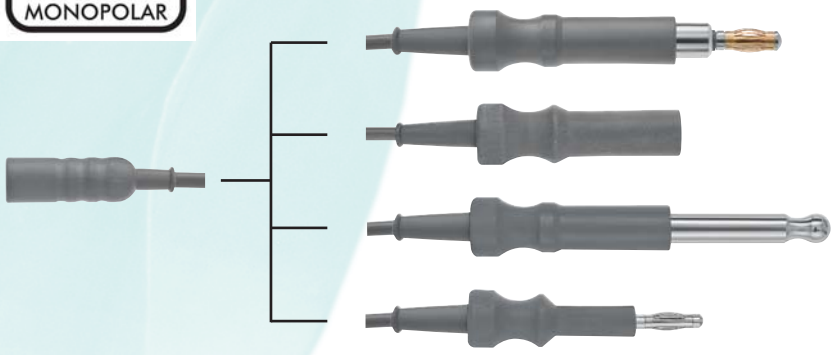
Erbe

Martin, Aesculap
Berchtold

Valleylab
Lamidey, EMC

	Flat plug	Flat plug, angled	Flat plug, square
3m	700-350-030	300-860-100	700-350-130
5m	700-350-050	300-860-111	700-350-150
3m	700-101-001	700-100-130	700-101-130
5m	700-100-101	700-100-150	700-101-150
3m	700-287-030	700-200-130	700-287-130
5m	700-287-050	700-200-150	700-287-150
3m	700-351-031	700-300-003	700-351-131
5m	700-351-051	700-300-005	700-351-151

MONOPOLAR CABLES



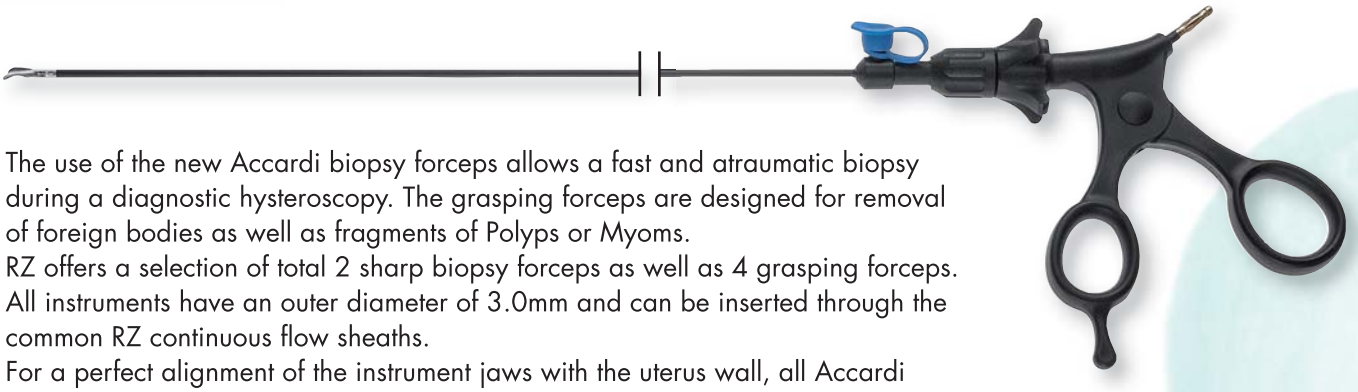
253-610-001 with 5 mm plug for Erbe HF-unit

253-610-002 with 4 mm plug for Martin HF-unit

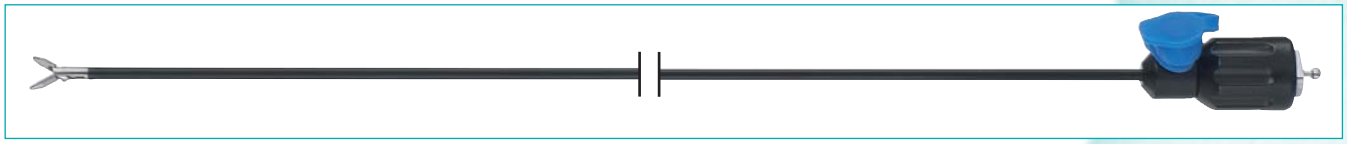
253-610-003 with 8 mm plug for Valleylab HF-unit

253-610-004 with 4 mm plug for older HF-units

Hysteroscopy Micro Instruments



The use of the new Accardi biopsy forceps allows a fast and atraumatic biopsy during a diagnostic hysteroscopy. The grasping forceps are designed for removal of foreign bodies as well as fragments of Polyps or Myoms.
RZ offers a selection of total 2 sharp biopsy forceps as well as 4 grasping forceps. All instruments have an outer diameter of 3.0mm and can be inserted through the common RZ continuous flow sheaths.
For a perfect alignment of the instrument jaws with the uterus wall, all Accardi Forceps feature a 360° rotation.
A large-scale trauma such as when using a Novak cannula or Kevorkian curette is excluded because the entire instrument is performed through the hysteroscope sheath. In this simple and safe intervention several tissue samples can be taken which are well tolerated by the patient because the trauma is limited exclusively to the area of tissue removal.



Cup working parts, 330mm working length

300-503-082
Biopsy Cup Forceps, sharp,
oval cups, double action

300-503-080
Biopsy Cup Forceps, sharp,
oval cups, 2 pins, double action

Grasping working parts, 330mm working length

300-503-731
Maryland fine Dissector, serrated, curved, conical, double action

300-503-710
Claw Grasper Forceps, 2x3 teeth, smooth, single action

300-503-052
Atraumatic Forceps, serrated, fenestrated, double action

300-503-021
Dolphin Dissection Forceps fine serrated, double action

Handle options

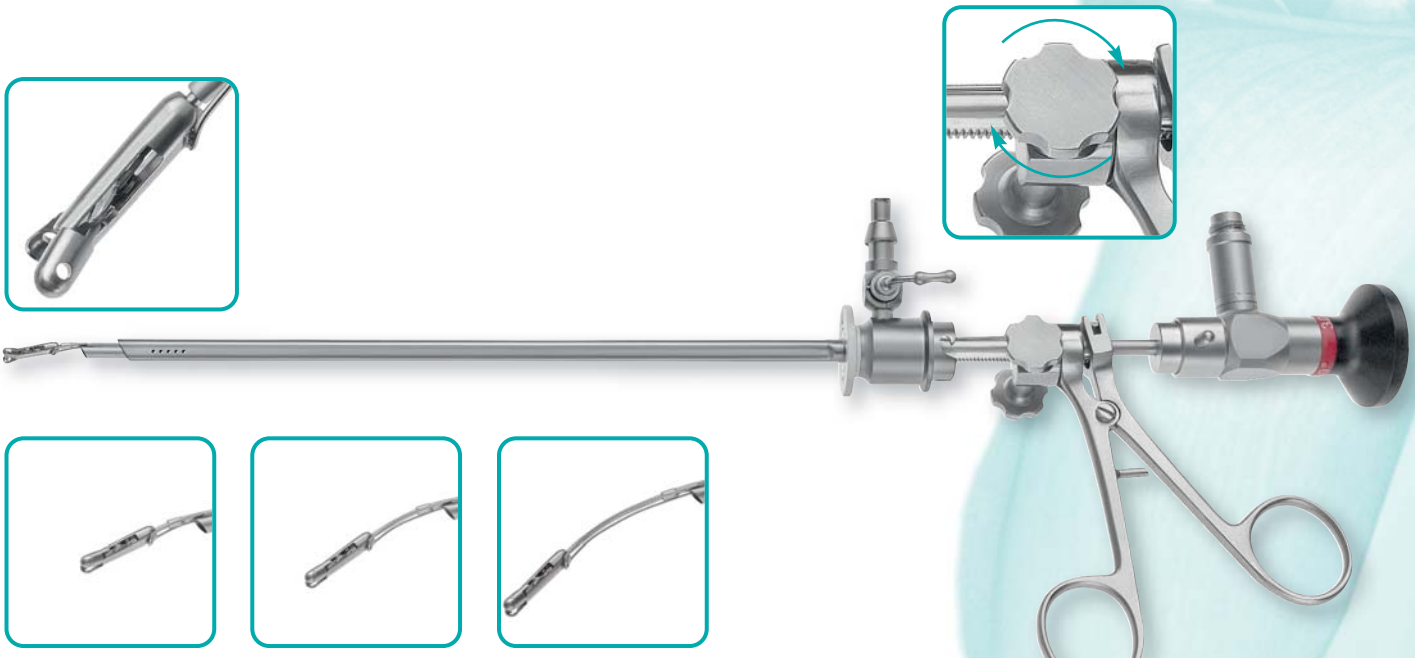
300-750-101
Carbon Fiber Handle

300-750-105
Carbon Fiber Handle

Optical Biopsy Forceps

For many years, it is the desire of gynecologists to take large biopsies in an atraumatic hysteroscopic procedure. The very fine 5 Fr instruments are not always the best choice because the amount of removed tissue is usually not enough for a correct histopathological diagnosis.
In collaboration with renowned doctors RZ Medizintechnik GmbH has managed to develop a small, cost-effective and easy -to-use instrument set which fulfills all desires of an atraumatic tissue biopsy under direct vision in the uterine cavity.
The Accardi optical biopsy forceps is the core instrument of the set. In combination with a 2.0mm telescope the 2.7mm x 3.3mm large Accardi biopsy forceps will be inserted through an outer hysteroscope sheath into the uterus cavity. The special deflecting mechanism can adjust the position of the biopsy forceps inside the cavity - an extended working radius can be covered.

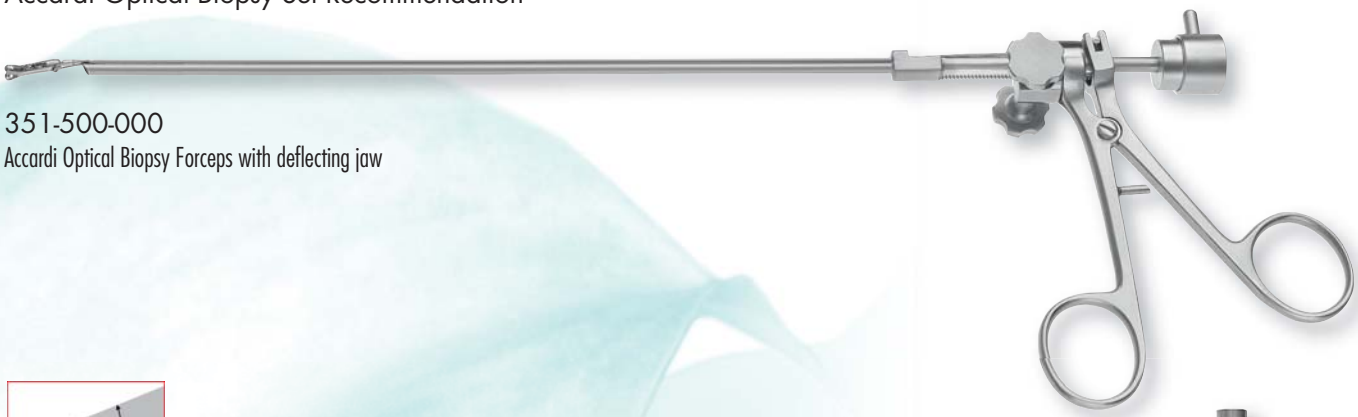
A large-scale trauma such as when using a Novak cannula or Kevorkian curette is excluded because the entire instrument is performed through the hysteroscope sheath. In this simple and safe intervention several tissue samples can be taken which are well tolerated by the patient because the trauma is limited exclusively to the area of tissue removal.



Jaw can be lowered and retracted (continously variable)

- First optical biopsy forceps for Hysteoscopy
- Large 2.7 x 3.3mm jaw
- Limited trauma, exclusively for the area of tissue removal

Accardi Optical Biopsy Set Recommendation



351-500-000
Accardi Optical Biopsy Forceps with deflecting jaw

351-820-030
Mini Hysteroscope, 2.0mm, 30° direction of view, 300mm working length, overall length: 355mm

Recommended for use with following sheaths:

351-300-050
Page 11

351-400-050
Page 12

351-400-150
Page 12

351-400-500
Page 13

351-500-065
Page 15

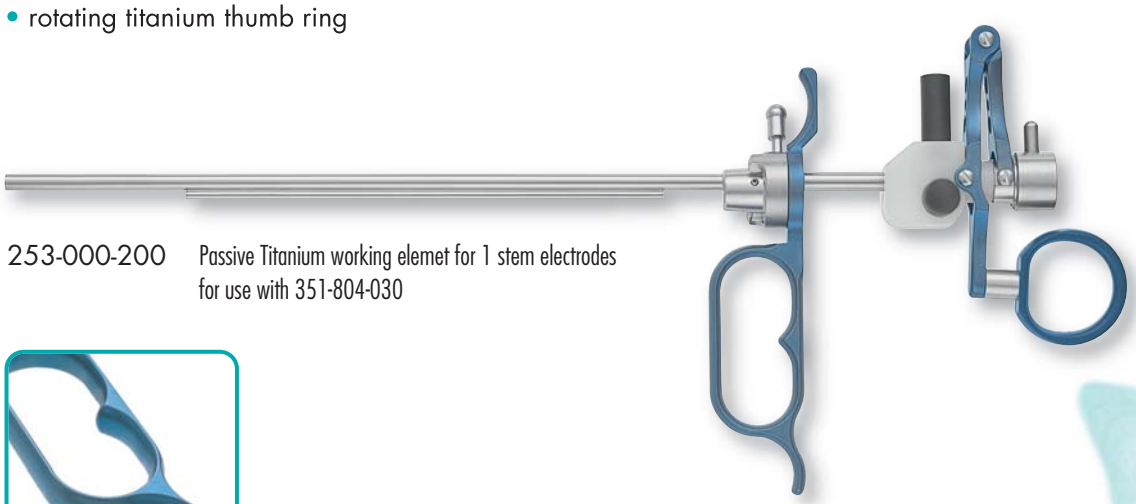
351-500-060
Page 16

351-500-070
Page 16

RZ working elements features

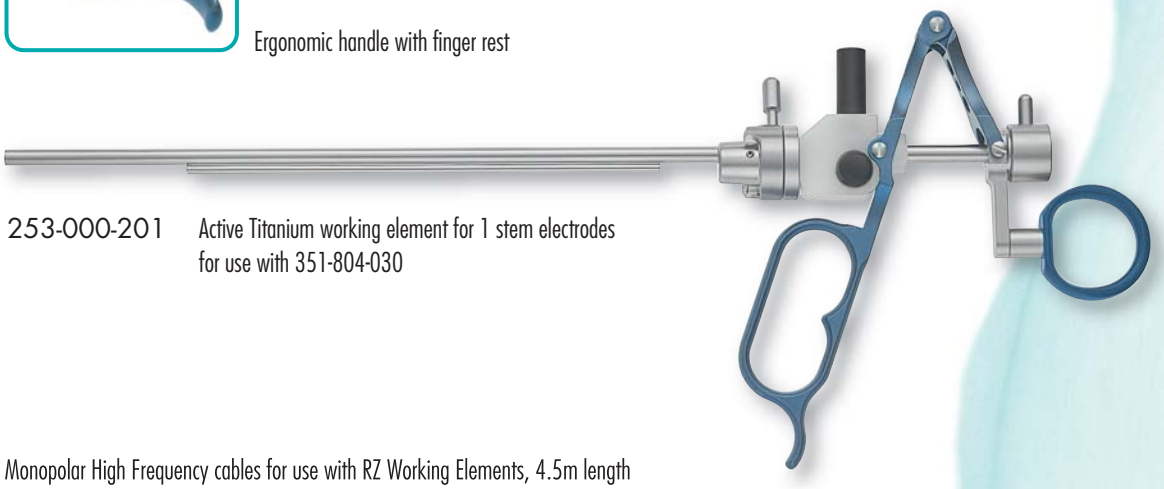
- lightweight and unique design for maximum comfort during long surgeries
- titanium handle parts
- sealed locking mechanism
- ergonomic handle design with finger rest for maximum comfort even on long surgeries
- rotating titanium thumb ring

MONOPOLAR



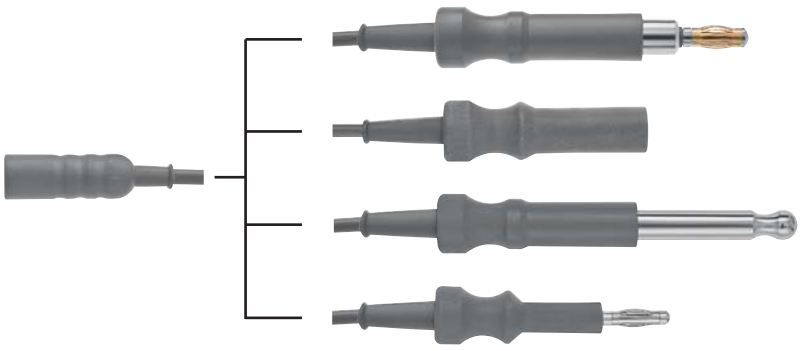
253-000-200 Passive Titanium working elemet for 1 stem electrodes for use with 351-804-030

Ergonomic handle with finger rest



253-000-201 Active Titanium working element for 1 stem electrodes for use with 351-804-030

Monopolar High Frequency cables for use with RZ Working Elements, 4.5m length



253-610-001 with 5 mm plug for Erbe HF-unit

253-610-002 with 4 mm plug for Martin HF-unit

253-610-003 with 8 mm plug for Valleylab HF-unit

253-610-004 with 4 mm plug for older HF-units

RZ Cutting Loops are made of a standard wire diameter of 0.35 mm ∅.
Different wire diameters are available on demand.
Electrodes and Curette with 1 guide stem and stabilizer.

	Colour	24 Fr. ●	27 Charr ●
	Cutting Loop, angled, for 12°/30° telescope	253-300-201	253-300-301
	Cutting Loop, 90° angled, for 0° telescope	253-300-222	
	Cutting Loop, straight in longitudinal direction	253-300-202	253-300-302
	Coagulation Electrode, pointed	253-300-203	253-300-303
	Coagulation Electrode, conical	253-300-204	253-300-304
	Coagulation Electrode, ball shape, 3 mm ∅	253-300-205	253-300-305
	Coagulation Electrode, ball shape, 5 mm ∅	253-300-206	253-300-306
	Coagulation Electrode, roller shape, 3 mm ∅	253-300-207	253-300-307
	Coagulation Electrode, roller shape, 5 mm ∅	253-300-208	253-300-308
	Spike-Electrode, 5 mm ∅	253-300-209	253-300-309
	Spike Electrode, 3 mm ∅	253-300-210	253-300-310

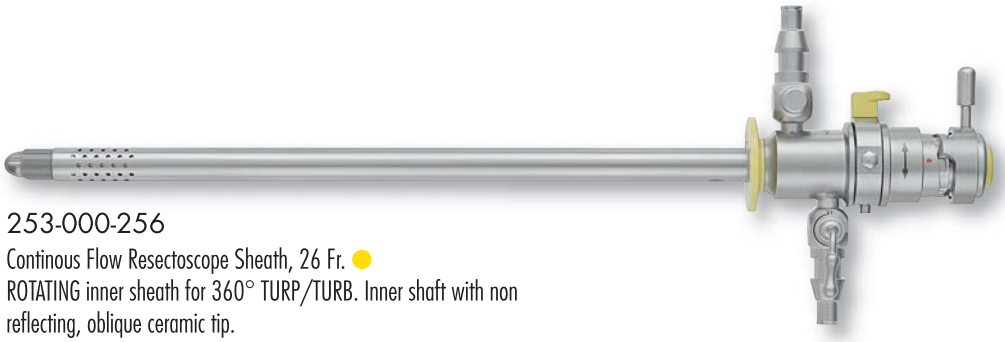
	Colour	24 Fr. ●	27 Charr ●
	Roller-Electrode, 5 mm ∅	253-300-211	253-300-311
	Roller-Electrode, 3 mm ∅	253-300-212	253-300-312
	Vapor-Electrode, Band width 1.2 mm	253-300-213	
	Band Electrode 90° angled	253-300-214	
	Band Vapor Electrode	253-300-215	
	Necklace Electrode	253-300-224	
	Helix Electrode	253-300-226	
	Curette, sharp, for use without HF	253-300-218	
	Curette, blunt, for use without HF	253-300-220	
	Needle Electrode	253-300-219	

Sterile Electrodes are ETO sterilized to eliminate infections and contaminations. Our disposables ensure the best possible working features on every operation.

Sales unit: package with 6 pieces, each individually sterile packed.

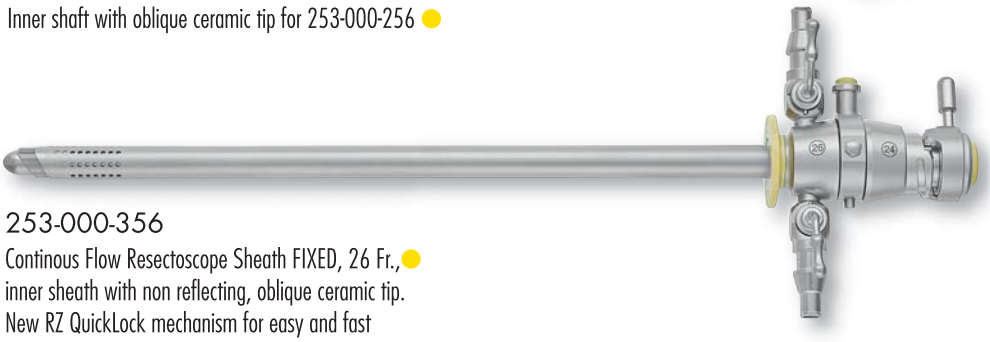
Sterile disposable TUR Electrodes fitting the **RZ** system. Constant good cutting & coagulation performance.

		Colour	24 Fr. ●	27 Charr ●
	Cutting Loop, angled		253-300-201S	253-300-301S
	Collins knife electrode		253-300-203S	253-300-303S
	Ball electrode, 3mm		253-300-205S	253-300-305S
	Ball electrode, 5mm		253-300-206S	253-300-306S
	Roller electrode, 5mm		253-300-211S	
	Roller electrode, 3mm		253-300-212S	
	Vapor-Electrode, Band width 1.2 mm		253-300-213S	



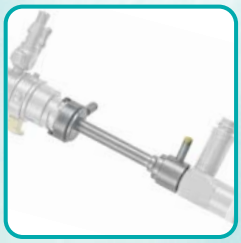
253-000-256
Continous Flow Resectoscope Sheath, 26 Fr. ●
ROTATING inner sheath for 360° TURP/TURB. Inner shaft with non reflecting, oblique ceramic tip.
New RZ QuickLock mechanism for easy and fast assembling/disassembling.

253-000-266
Inner shaft with oblique ceramic tip for 253-000-256 ●



253-000-356
Continous Flow Resectoscope Sheath FIXED, 26 Fr., ●
inner sheath with non reflecting, oblique ceramic tip.
New RZ QuickLock mechanism for easy and fast assembling/disassembling.

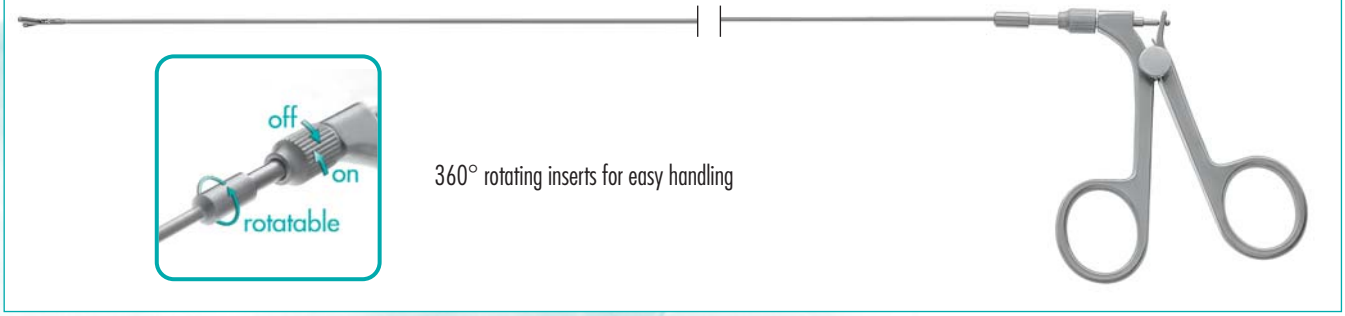
253-000-366
Inner shaft with oblique ceramic tip for 253-000-356 ●



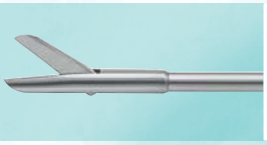
253-000-084
Visual Obturator for 24/26 Fr. Resectoscope Sheaths and 4mm RZ Cystoscopes

253-000-094
Visual Obturator with 5 Fr. working channel for 24/26 Fr. Resectoscope Sheaths and 4mm RZ Cystoscopes

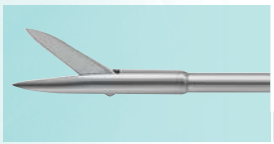
5 Fr. semi-rigid Hysteroscopy Instruments



360° rotating inserts for easy handling

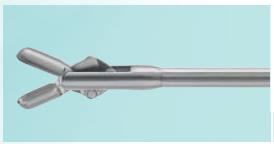


351-100-305 400mm
351-100-335 340mm
Scissors, blunt tips, single action



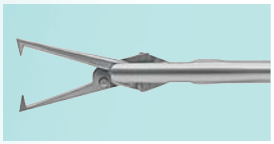
351-118-305 400mm
351-118-335 340mm
Scissors, sharp tips, single action

351-116-305 400mm
351-116-335 340mm
Grasping Forceps with cup, serrated, double action



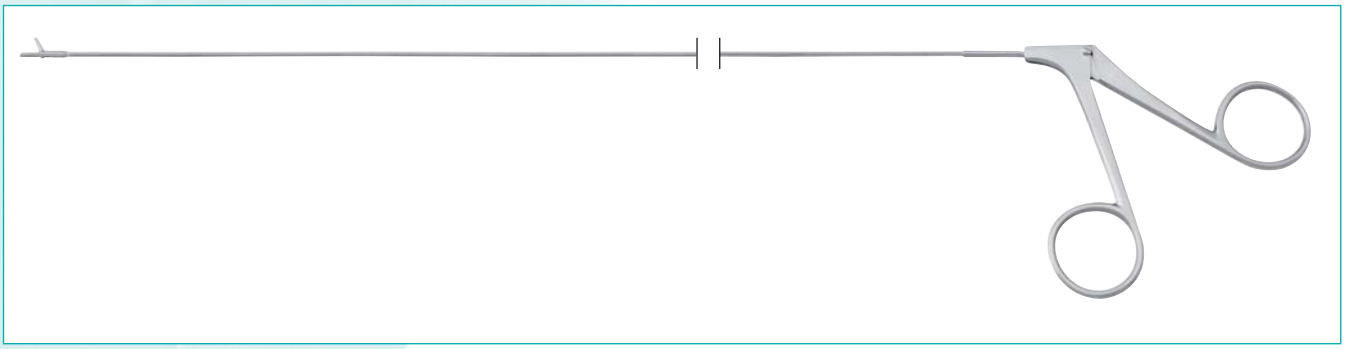
351-120-305 400mm
351-120-335 340mm
Biopsy Forceps, double action, ∅ 1.6mm

351-126-305 400mm
351-126-335 340mm
Biopsy Punch Forceps, single action, ∅ 1.6mm

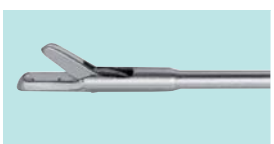


351-117-305 400mm
351-117-335 340mm
Tenaculum Forceps, 1x1 teeth, double action

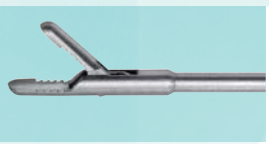
5 Fr. / 7Fr. Hysteroscopy Instruments, semi-rigid



351-410-425 5 Fr.
351-410-427 7 Fr.
Scissors, single action, 400mm working length



351-410-225 5 Fr.
351-410-227 7 Fr.
Biopsy Punch, single action, 400mm working length

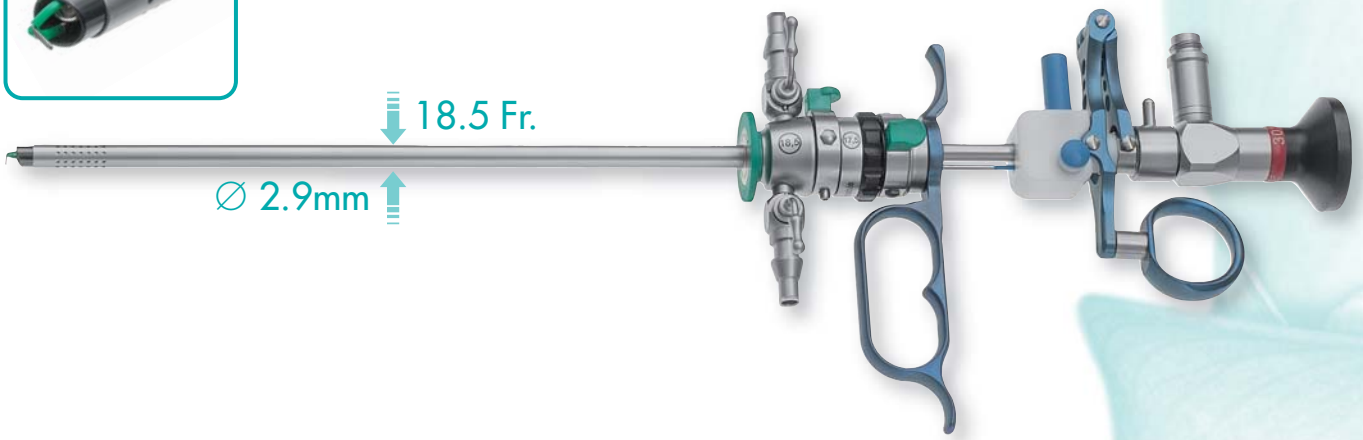


253-410-325 5 Fr.
253-410-327 7 Fr.
Biopsy Cup Forceps,oval cup, serrated

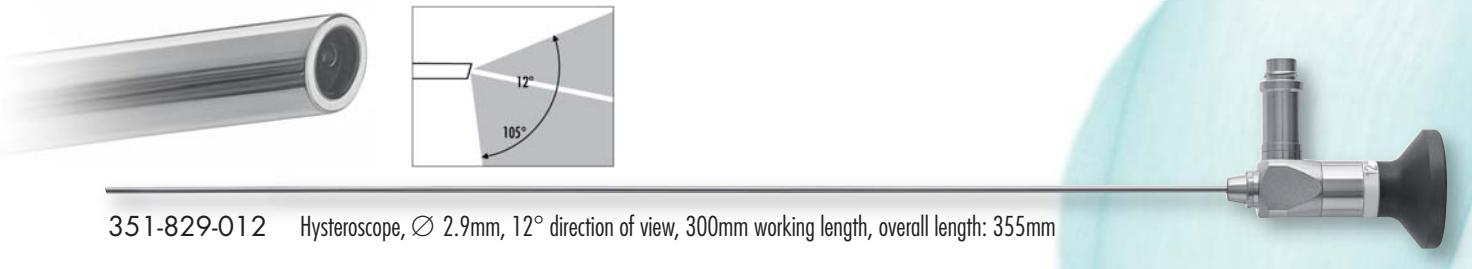
piccolo mono Resectoscope Set

The new Piccolo monopolar resectoscope with an outer diameter of only 6 mm got specially designed for Hysteroscopic surgeries and can be used with 12° or 30° RZ Hysteroscopes with ∅ 2.9mm The slim dimensions are ideal for fine and accurate resections. Due to the remarkable reduced space required, the intrauterine pressure can be kept low. Less fluid consumption and leaking is the result.

MONOPOLAR

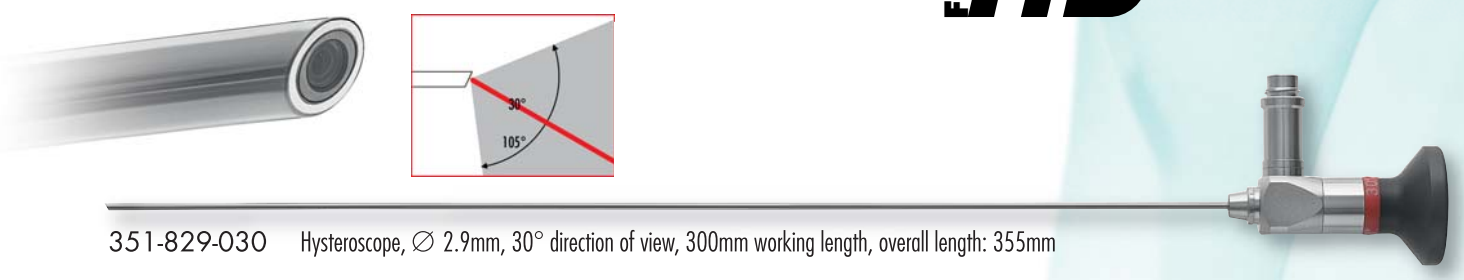


Rigid Rod Lens Hysteroscopes



351-829-012 Hysteroscope, ∅ 2.9mm, 12° direction of view, 300mm working length, overall length: 355mm

FULL HD



351-829-030 Hysteroscope, ∅ 2.9mm, 30° direction of view, 300mm working length, overall length: 355mm

351-000-200
Passive Titanium Working Element for Piccolo Resectoscope

351-000-300
Active Titanium Working Element for Piccolo Resectoscope

351-000-185
Resectoscope Continous Flow Sheath, 18.5 Fr.,
with rotating sheath, incl. obturator, with QuickLock

351-000-180
Working Insert with channel for 5 Fr. Instruments
For use with Resectoscope Sheath 351-000-185

18.5 Fr. Electrodes

351-000-201	Cutting loop

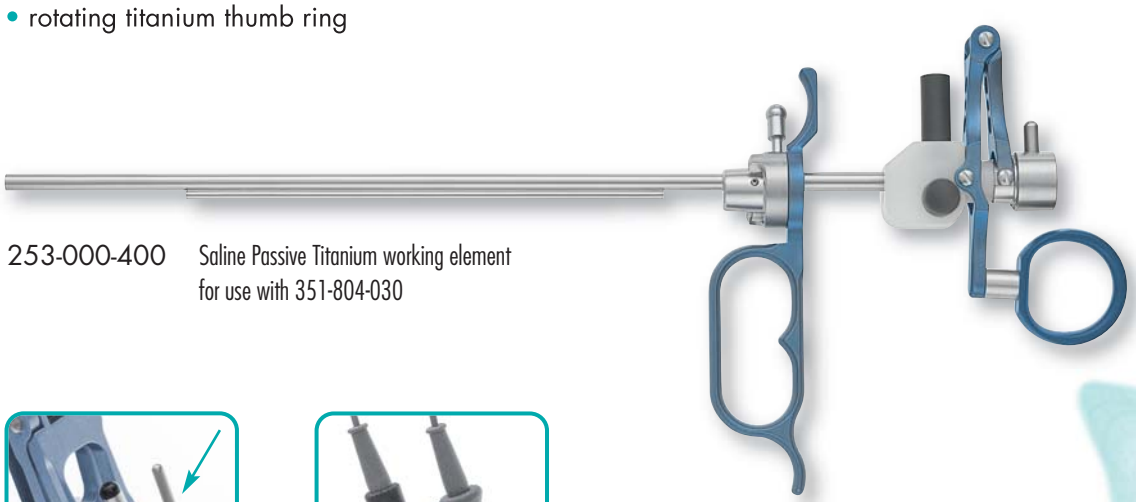
351-000-203	Knife Electrode

351-000-205	Ball Electrode

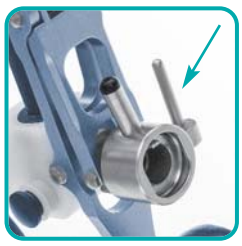
NaCl RZ saline working elements features

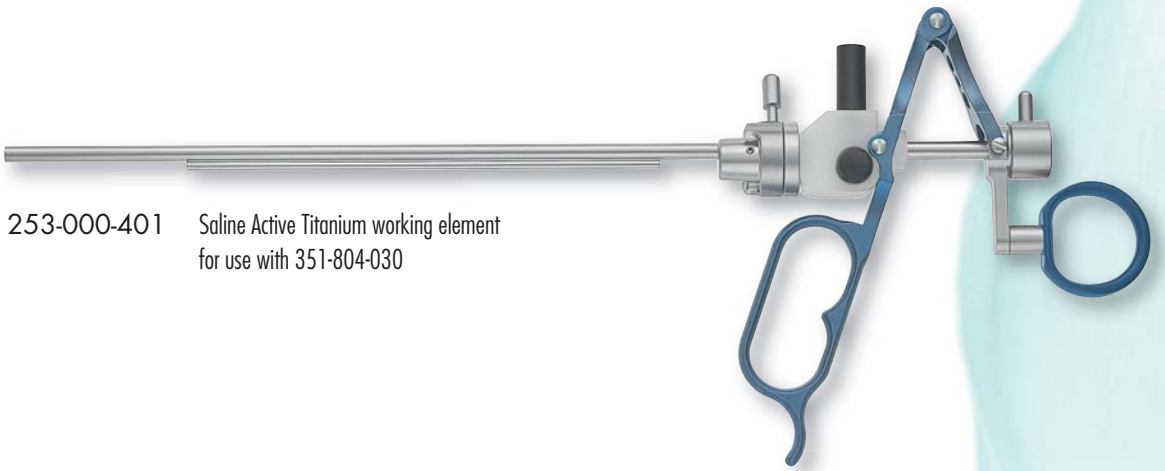
- lightweight and unique design for maximum comfort during long surgeries
- titanium handle parts
- sealed locking mechanism
- ergonomic handle design with finger rest for maximum comfort even on long surgeries
- rotating titanium thumb ring

BIPOLAR



253-000-400 Saline Passive Titanium working element
for use with 351-804-030





253-000-401 Saline Active Titanium working element
for use with 351-804-030

253-000-256
Continous Flow 26 Fr. Resectoscope Sheath with rotating inner sheath and non-reflecting ceramic tip, including atraumatic obturator

BIPOLAR

24 Fr. Electrodes

Designed for RZ HF unit 700-350-400 shown on pages 76-77. Optimized and fits excellent for RZ bipolar resection

	253-400-201	Bipolar Cutting Loop, angled, for 12°/30° telescope
	253-400-202	Bipolar Cutting Loop, thick wire, angled, for 12°/30° telescope
	253-400-204	Bipolar Coagulation Electrode, conical
	253-400-211	Bipolar Roller-Electrode, ∅ 3mm

Saline Resectoscope Cable

NaCl

Generator end

253-400-601 — Erbe

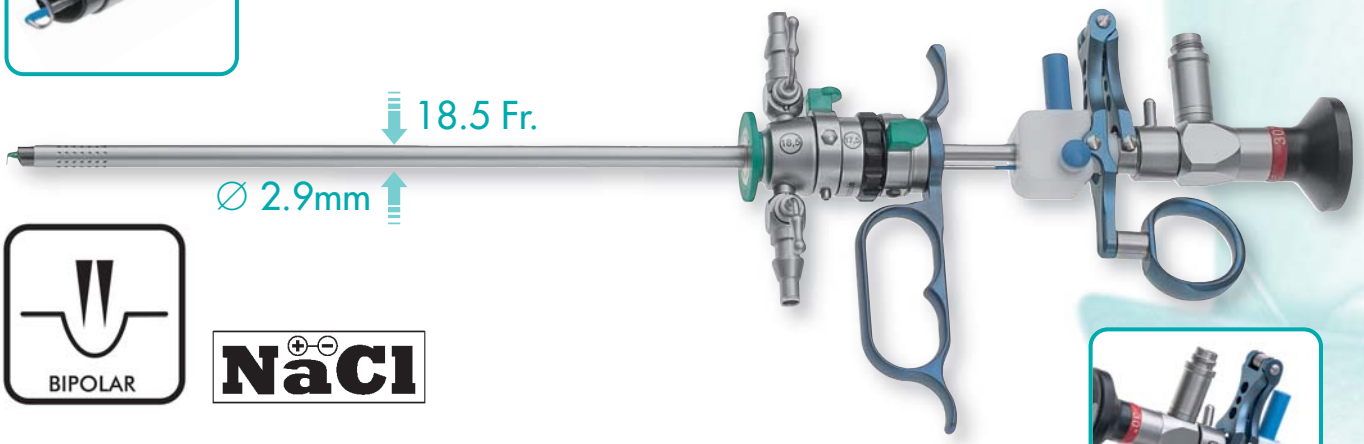
253-400-602 — Martin, Aesculap Berchtold

253-400-603 — Valleylab Lamidey, EMC

253-400-604 — 2-Banana

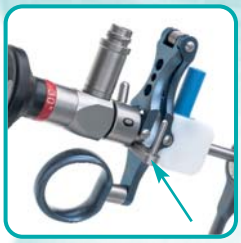
grazia Saline Resectoscope Set

The new „grazia“ Saline Resectoscope with an outer diameter of only 6 mm is specially designed for Hysteroscopic surgeries and can be used with 12° or 30° RZ Hysteroscopes with ∅ 2.9mm. The slim dimensions are ideal for fine and accurate resections. Due to the remarkable reduced space required, the intrauterine pressure can be kept low. Less fluid consumption and leakage is the result.

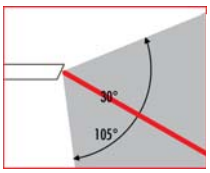


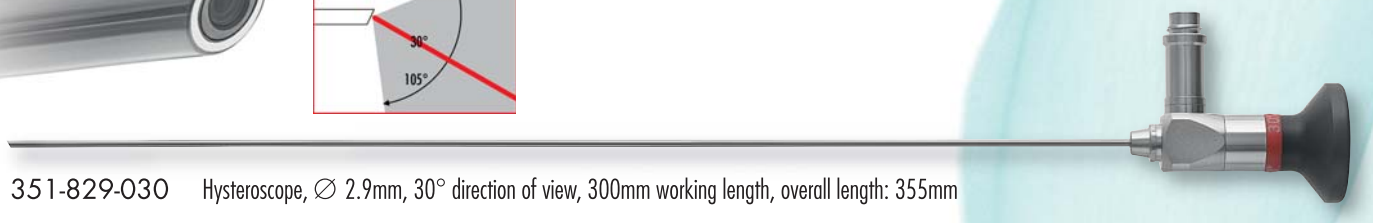
BIPOLAR

NaCl



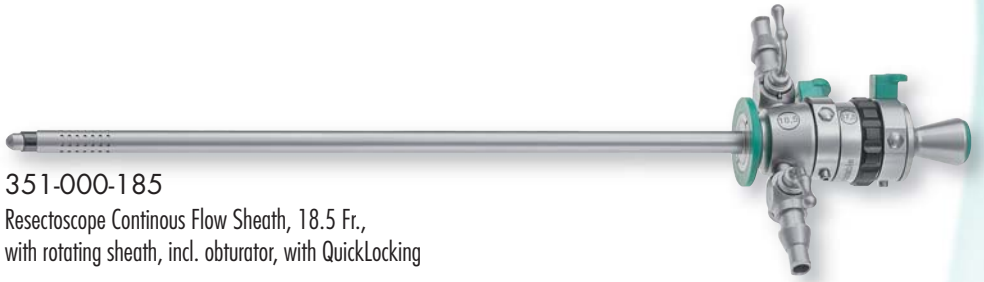
Rigid Rod Lens Hysteroscopes





351-829-030 Hysteroscope, ∅ 2.9mm, 30° direction of view, 300mm working length, overall length: 355mm

FULL HD



351-000-185
Resectoscope Continous Flow Sheath, 18.5 Fr.,
with rotating sheath, incl. obturator, with QuickLocking

351-400-200
Passive Titanium Working Element for
Grazia Saline Resectoscope

351-400-201
Active Titanium Working Element for
Grazia Saline Resectoscope

16 Fr. Electrodes Designed for RZ HF unit 700-350-400 shown on pages 76-77. Optimized and fits excellent for RZ bipolar resection

351-400-401 Cutting Loop

351-400-403 Knife Electrode

351-400-405 Ball Electrode

Saline Resectoscope Cable

NaCl

Generator end

253-400-601 Erbe

253-400-602 Martin, Aesculap
Berchtold

253-400-603 Valleylab
Lamidey, EMC

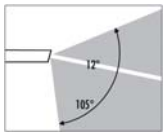
253-400-604 2-Banana

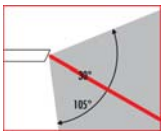
Bipolar Working Elements for GYNECARE-VERSAPOINT Bipolar Electodes

compatible Working Elements

351-000-400
Passive Titanium Working Element for use with
RZ Resectoscope Sheaths 253-000-256/253-000-356
and 4mm, 12°/30° RZ Hysteroscopes
351-804-012/351-804-030

351-000-401
Active Titanium Working Element for use with
RZ Resectoscope Sheaths 253-000-256/253-000-356
and 4mm, 12°/30° RZ Hysteroscopes
351-804-012/351-804-030





Hysteroscopes, ∅ 4.0mm, 300mm working length, overall length: 355mm
351-804-012 12°
351-804-030 30°

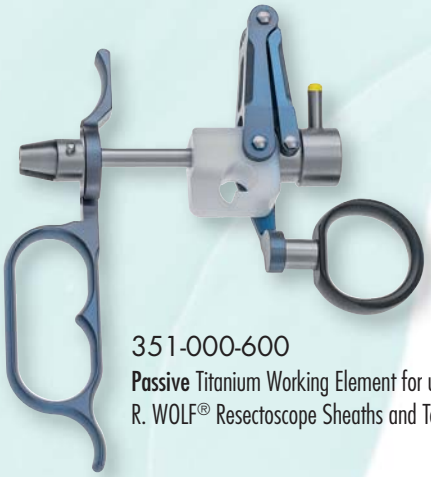
253-000-256
Continous Flow Resectoscope Sheath, 26 Fr. ●
ROTATING inner sheath for 360° TUR. inner shaft with non-reflecting, oblique ceramic tip.
New RZ QuickLock mechanism for easy and fast assembling/disassembling.

OLYMPUS® compatible Working Elements

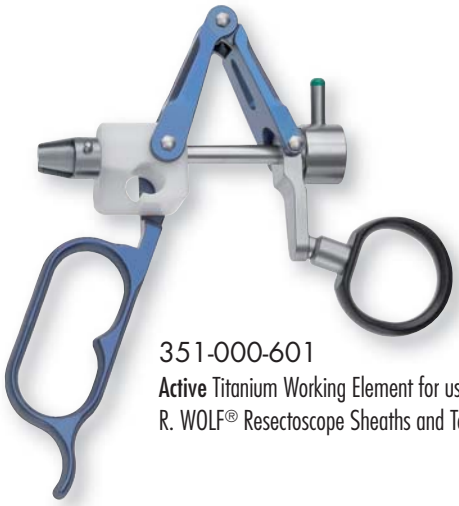
351-000-500
Passive Titanium Working Element for use with
OLYMPUS® Resectoscope Sheaths and Telescopes

351-000-501
Active Titanium Working Element for use with
OLYMPUS® Resectoscope Sheaths and Telescopes

RICHARD WOLF® compatible Working Elements



351-000-600
Passive Titanium Working Element for use with
R. WOLF® Resectoscope Sheaths and Telescopes



351-000-601
Active Titanium Working Element for use with
R. WOLF® Resectoscope Sheaths and Telescopes

ACTIVE MONOPOLAR ELECTRODES

Reusable, 2.4mm connection

700-214-024	For ∅ 2.4mm electrodes	Handle with 2 buttons, firm 4m cable	1 pc.

700-760-002	∅ 2mm, 90mm working length	Ball Electrode	1 pc.

700-760-004	∅ 4mm, 90mm working length	Ball Electrode	1 pc.

700-760-620	20 x 2.5 mm, 90mm working length	Spatula Electrode	1 pc.

700-760-500	25 x 3.2 mm, 90mm working length	Spatula Electrode	1 pc.

700-760-510	12 x ∅ 0.5 mm, 90mm working length	Needle Electrode	1 pc.

700-760-520	12 x ∅ 0.7 mm, 90mm working length	Needle Electrode	1 pc.

700-760-900	For 2.4 mm shaft, 140mm	Extension Shaft	1 pc.

700-760-910	For 2.4 mm shaft, 90mm	Extension Shaft	1 pc.

700-760-920	For 2.4 mm shaft, 70mm	Extension S haft	1 pc.

700-760-012	12mm, 150mm working length	Conization Electrode	1 pc.

700-760-019	19mm, 90mm working length	Conization Electrode	1 pc.

700-750-100	10 x 10mm, 110mm working length	Loop Electrode	1 pc.

700-750-155	15 x 15mm, 110mm working length	Loop Electrode	1 pc.

700-750-215	20 x 15mm, 110mm working length	Loop Electrode	1 pc.

700-750-220	20 x 20mm, 110mm working length	Loop Electrode	1 pc.

700-750-225	20 x 25mm, 110mm working length	Loop Electrode	1 pc.

700-760-100	∅ 10mm, 110mm working length	Loop Electrode	1 pc.

700-760-150	∅ 15mm, 110mm working length	Loop Electrode	1 pc.

700-760-200	∅ 20 mm, 110mm working length	Loop Electrode	1 pc.

700-760-250	∅ 25 mm, 110mm working length	Loop Electrode	1 pc.

ACTIVE MONOPOLAR ELECTRODES

Disposable, 2.4mm connection

700-755-105	10 x 10mm, round, 100mm working length	Loop Electrode	5 pc.

700-755-158	15 x 10mm, round, 100mm working length	Loop Electrode	5 pc.

700-755-152	15 x 12mm, round, 100mm working length	Loop Electrode	5 pc.

700-755-155	15 x 15mm, round, 100mm working length	Loop Electrode	5 pc.

700-755-208	20 x 20mm, round, 100mm working length	Loop Electrode	5 pc.

700-755-215	20 x 15mm, round, 100mm working length	Loop Electrode	5 pc.

700-755-251	20 x 18mm, round, 100mm working length	Loop Electrode	5 pc.

700-755-003	∅ 3mm, round, 100mm working length	Ball Electrode	5 pc.

700-755-004	∅ 4mm, round, 100mm working length	Ball Electrode	5 pc.

700-755-005	∅ 5mm, round, 100mm working length	Ball Electrode	5 pc.

350-660-100
Uterus Manipulator, complete with 6 Inserts

Adaptors

350-660-111
∅ 8 x 80mm

350-660-112
∅ 10 x 100mm

350-660-113
∅ 3 x 45mm

350-660-114
∅ 3 x 55mm

350-660-115
∅ 3.2 x 34mm

350-660-116
∅ 3.2 x 45mm

350-750-000
Cohen self retaining Cannula complete with 2 interchangeable acorns

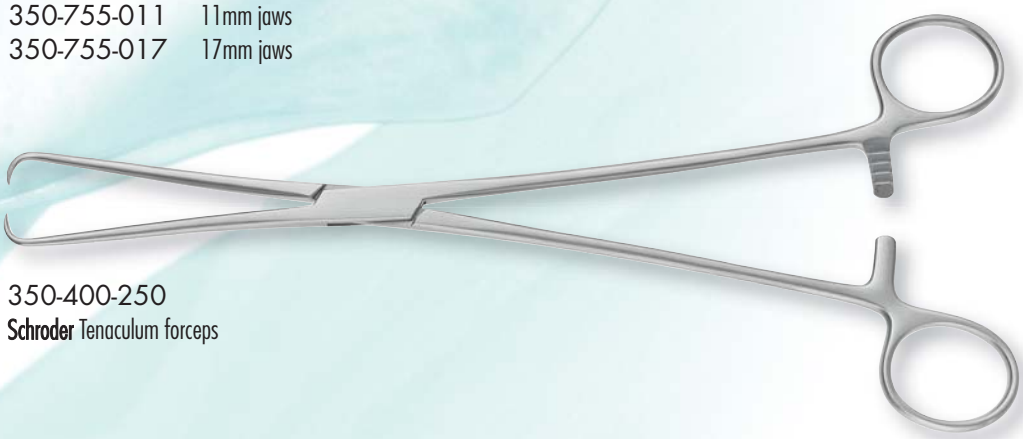
350-750-002
Acorn only, large

350-750-001
Acorn only, small

350-158-003
IUD Grasping Forceps 1 x 2 Teeth, flexible, ∅ 3mm, with spring handle

Myoma screw
300-032-015 ∅ 5mm, 330 mm working length
300-042-005 ∅ 5mm, 420 mm working length
300-033-010 ∅ 10mm, 330 mm working length
300-033-011 ∅ 11mm, 330 mm working length
300-042-010 ∅ 10mm, 420 mm working length

RZ Myoma Grasping Forceps, 330 mm working length
350-755-007 7mm jaws
350-755-011 11mm jaws
350-755-017 17mm jaws



350-400-250
Schroder Tenaculum forceps

RZ Ring Applicators

Supplied with a quick loading adaptor to ensure a fast and easy loading of the applicator.

300-100-120
Ring Applicator for tubal sterilisation, for single puncture - for use with Operating Laparoscopes with ∅ 6 mm instrument channels (300-099-006 and 300-099-106). A knurled screw is fixing the Ring Applicator securely to the telescope.

300-100-122
Ring Applicator for tubal sterilisation, for second puncture, for use with Trocar Sleeves ∅ 7.0 mm

300-100-125
Cone for Ring Applicator

300-100-127
Loading Device for Ring Applicator

300-100-124
Plastic Rings, **autoclavable**, package of 50 pieces

300-100-126
Plastic Rings, **sterile**, package of 2 pieces

300-011-181
LuerLock tube connector 9mm

300-011-506
LuerLock tube connector 6mm

300-011-179
LuerLock tube connector with stopcock

300-400-900
Rubber Seals for LuerLock connectors

300-400-901
Rubber Seals for LuerLock connectors

301-701-100
Grey Rubber cap for use on all working channels

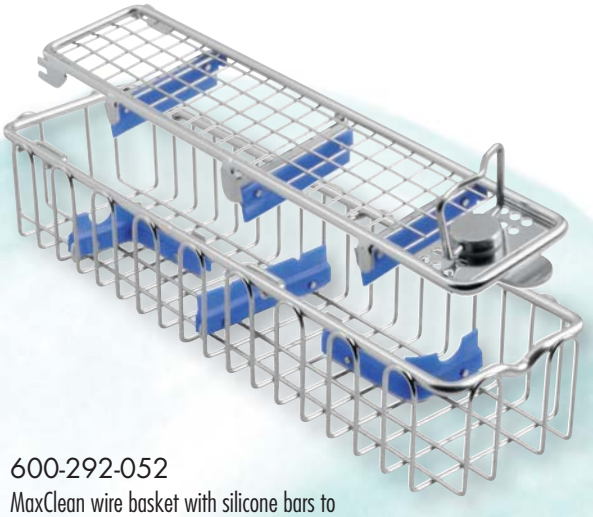
351-905-105
Disposable Silicone Valve with LuerLock connection for use with 3 - 10Fr. instruments sterile packed,
package with 10 pieces

Dittel Bougies, straight

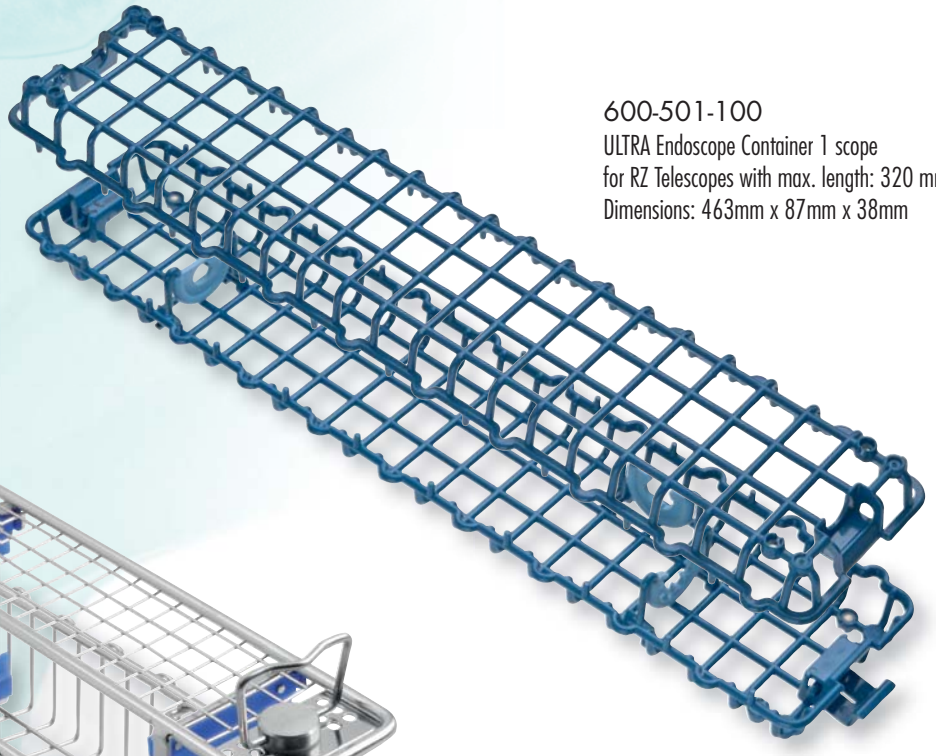
253-320-225	8 Charr.	253-329-225	22 Charr.
253-321-225	9 Charr.	253-330-225	24 Charr.
253-322-225	10 Charr.	253-331-225	25 Charr.
253-323-225	11 Charr.	253-332-225	26 Charr.
253-324-225	12 Charr.	253-333-225	27 Charr.
253-325-225	14 Charr.	253-334-225	28 Charr
253-326-225	16 Charr.	253-335-225	30 Charr.
253-327-225	18 Charr.	253-336-225	32 Charr.
253-328-225	20 Charr.	253-337-225	34 Charr.

Catheter for female

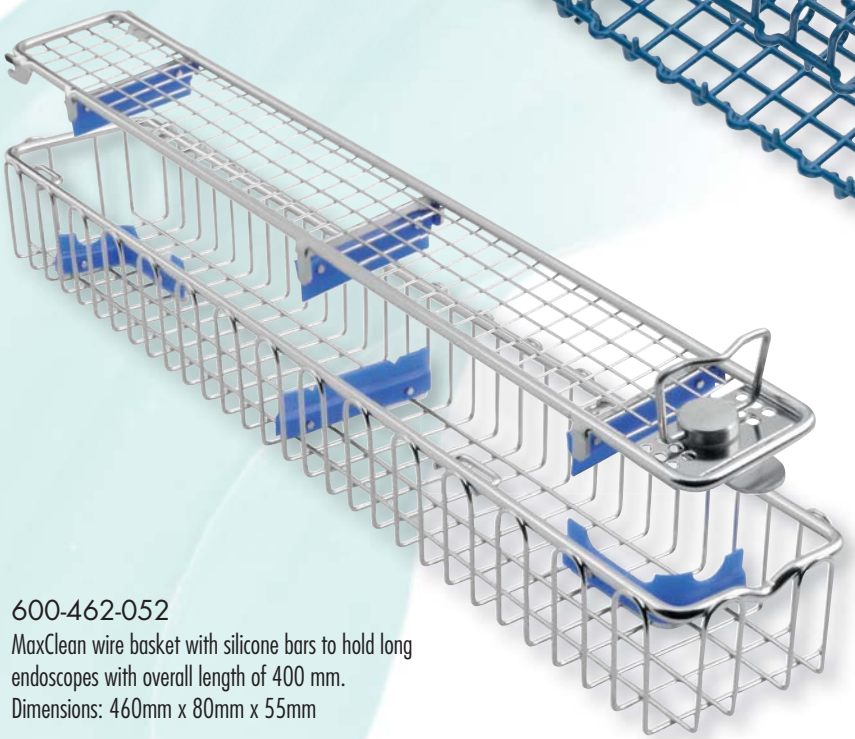
320-721-080	8 Charr.
320-721-100	10 Charr.
320-721-120	12 Charr.
320-721-140	14 Charr.
320-721-160	16 Charr.
320-721-180	18 Charr.
320-721-200	20 Charr.
320-721-220	22 Charr.
320-721-240	24 Charr.



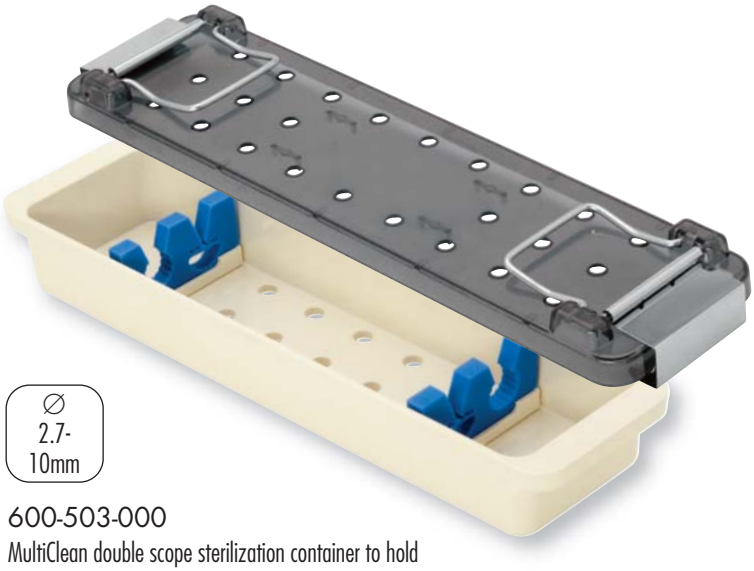
600-292-052
MaxClean wire basket with silicone bars to
hold 2 short endoscopes with overall length of 230mm.
Dimensions: 290mm x 80mm x 55mm



600-501-100
ULTRA Endoscope Container 1 scope
for RZ Telescopes with max. length: 320 mm
Dimensions: 463mm x 87mm x 38mm



600-462-052
MaxClean wire basket with silicone bars to hold long
endoscopes with overall length of 400 mm.
Dimensions: 460mm x 80mm x 55mm

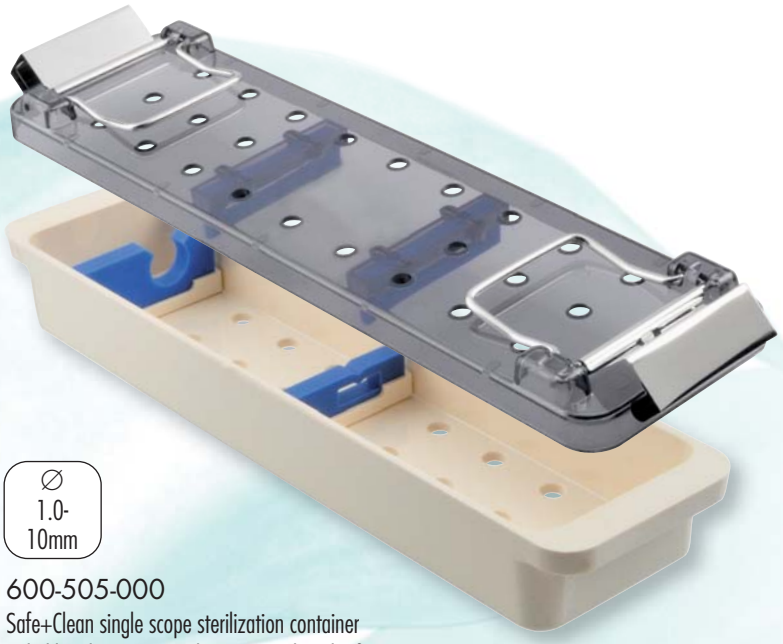


∅ 2.7-10mm

600-503-000
MultiClean double scope sterilization container to hold 2 short endoscopes with maximum length of 270mm.
Dimensions: 271mm x 70mm x 35mm

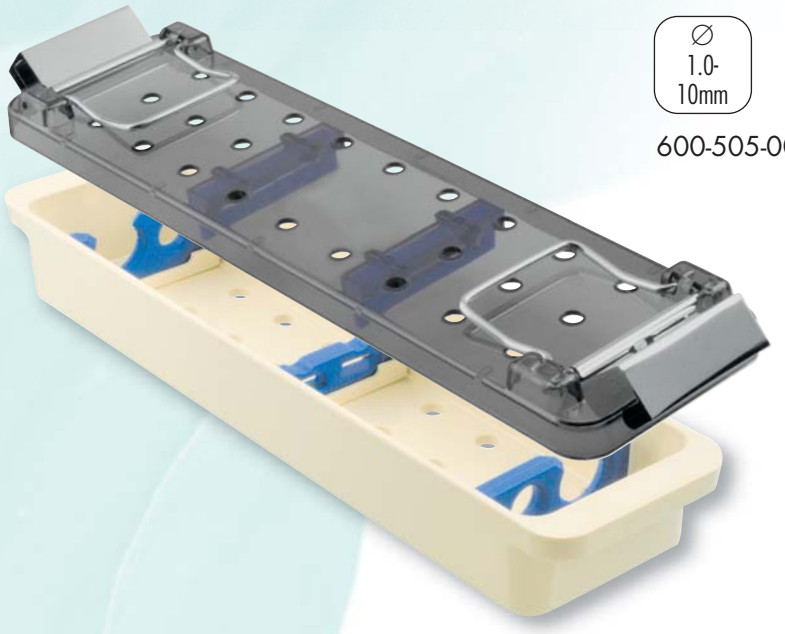
∅ 2.7-10mm

600-504-000 MultiClean double scope sterilization container to hold 2 medium scopes with maximum length of 310mm.
Dimensions: 394mm x 70mm x 35mm



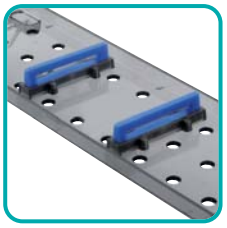
∅ 1.0-10mm

600-505-000
Safe+Clean single scope sterilization container
to hold 1 short scope with maximum length of 270 mm.
Dimensions: 271mm x 70mm x 35mm
with silicone bars on base and lid

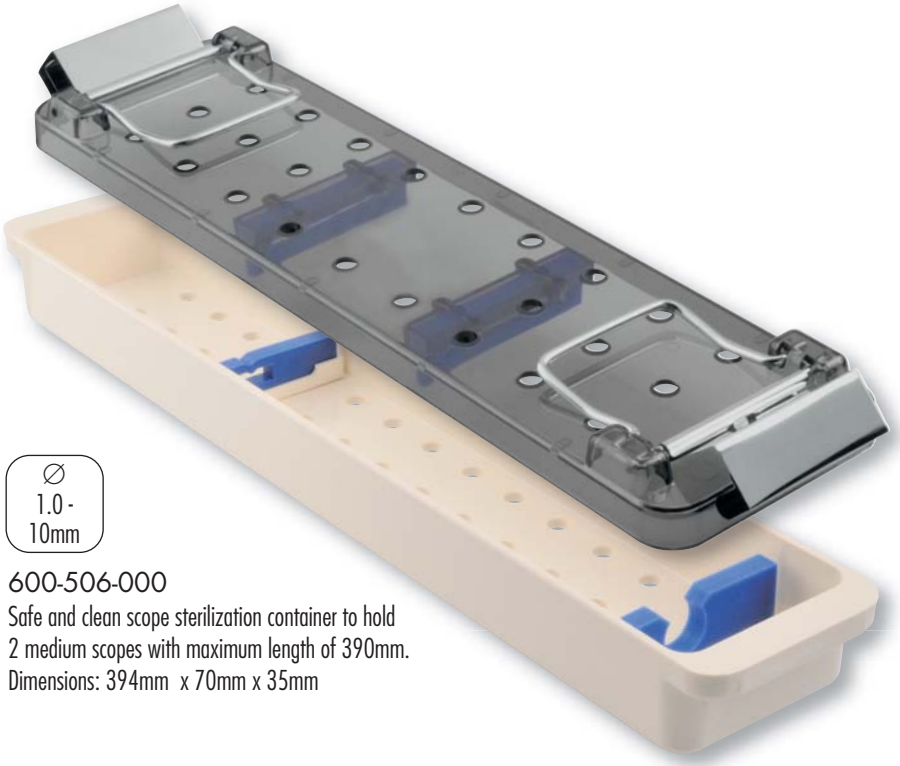


∅ 1.0-10mm

600-505-002 Safe+Clean double scope sterilization container to hold 2 short scopes with maximum length of 190mm.
Dimensions: 271mm x 70mm x 35mm

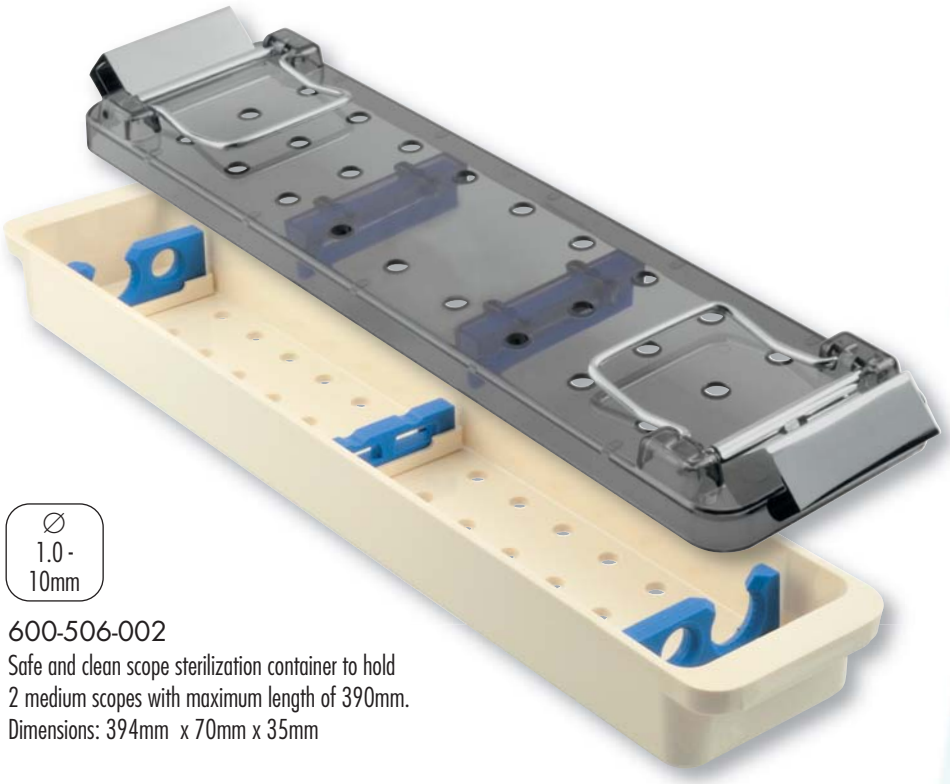


Safe and clean
with silicone bars on
base and lid



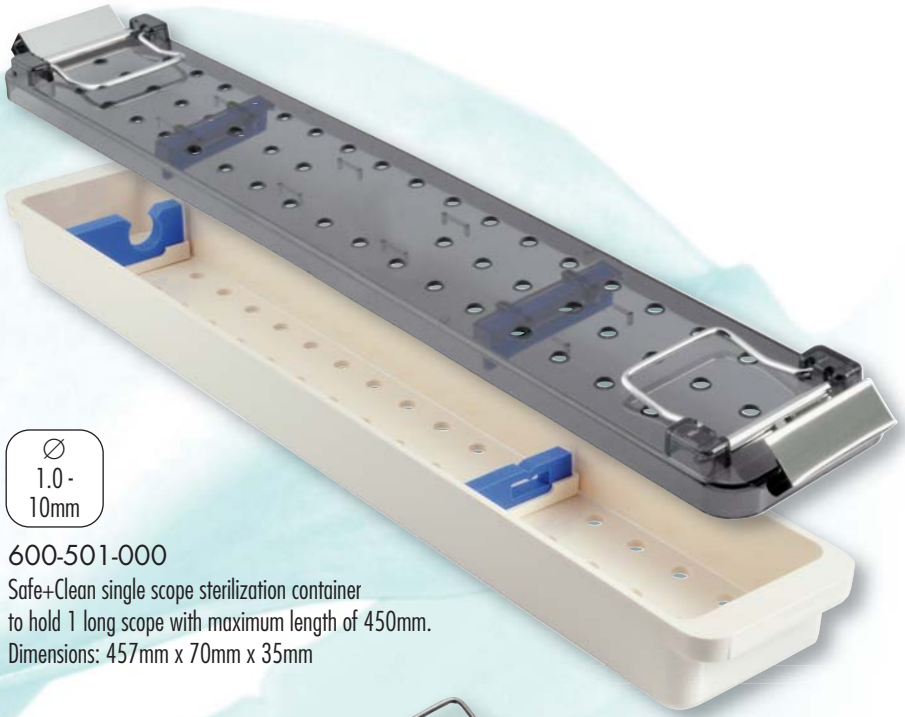
∅ 1.0 - 10mm

600-506-000
Safe and clean scope sterilization container to hold 2 medium scopes with maximum length of 390mm.
Dimensions: 394mm x 70mm x 35mm



∅ 1.0 - 10mm

600-506-002
Safe and clean scope sterilization container to hold 2 medium scopes with maximum length of 390mm.
Dimensions: 394mm x 70mm x 35mm

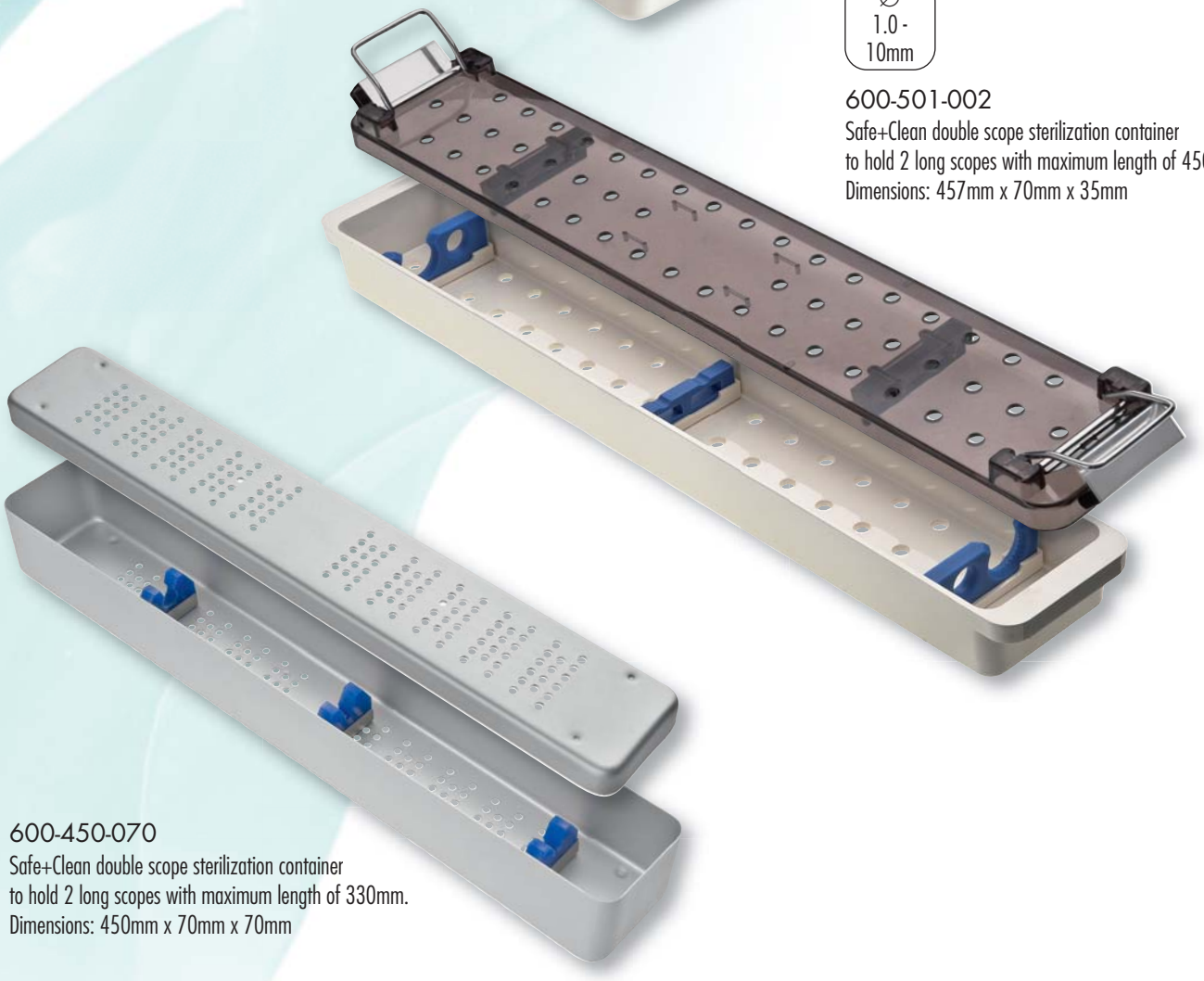


∅ 1.0 - 10mm

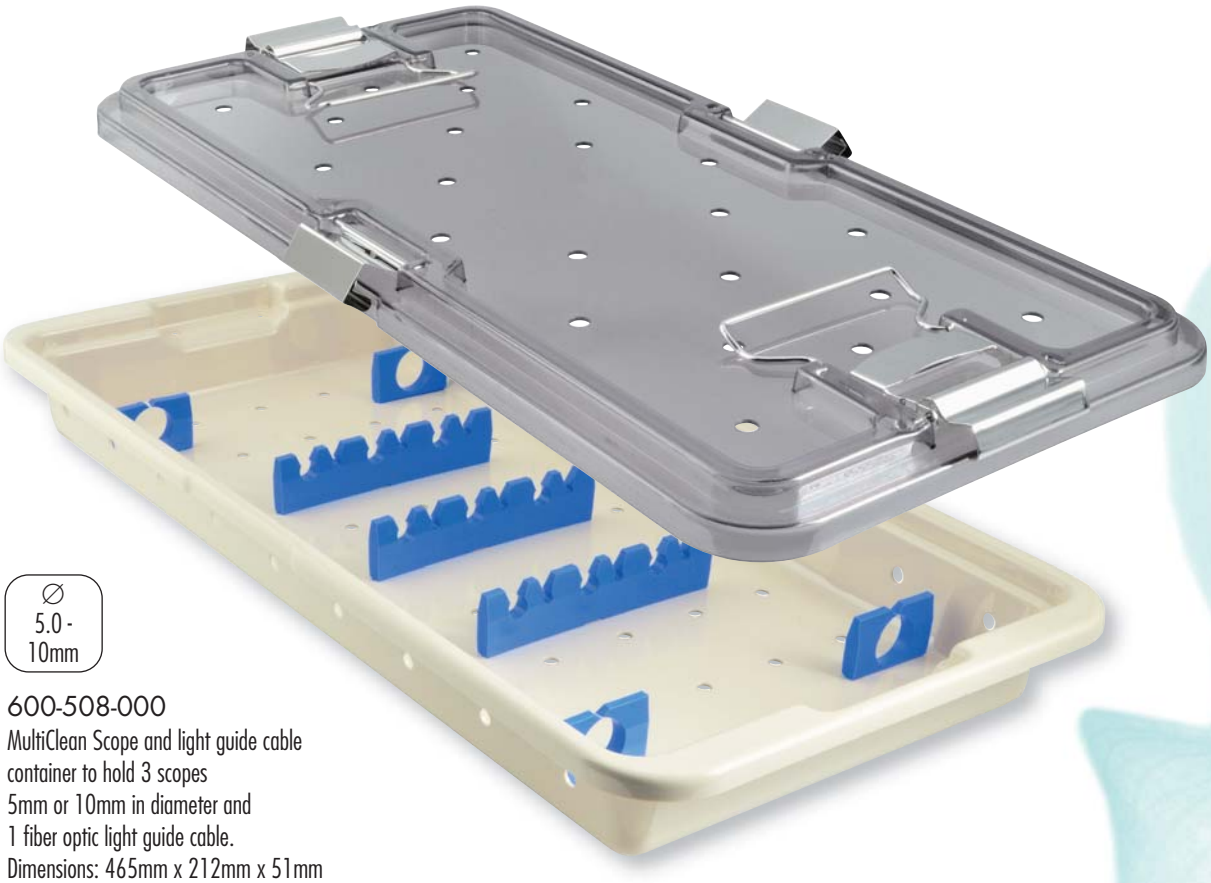
600-501-000
Safe+Clean single scope sterilization container
to hold 1 long scope with maximum length of 450mm.
Dimensions: 457mm x 70mm x 35mm

∅ 1.0 - 10mm

600-501-002
Safe+Clean double scope sterilization container
to hold 2 long scopes with maximum length of 450mm.
Dimensions: 457mm x 70mm x 35mm



600-450-070
Safe+Clean double scope sterilization container
to hold 2 long scopes with maximum length of 330mm.
Dimensions: 450mm x 70mm x 70mm

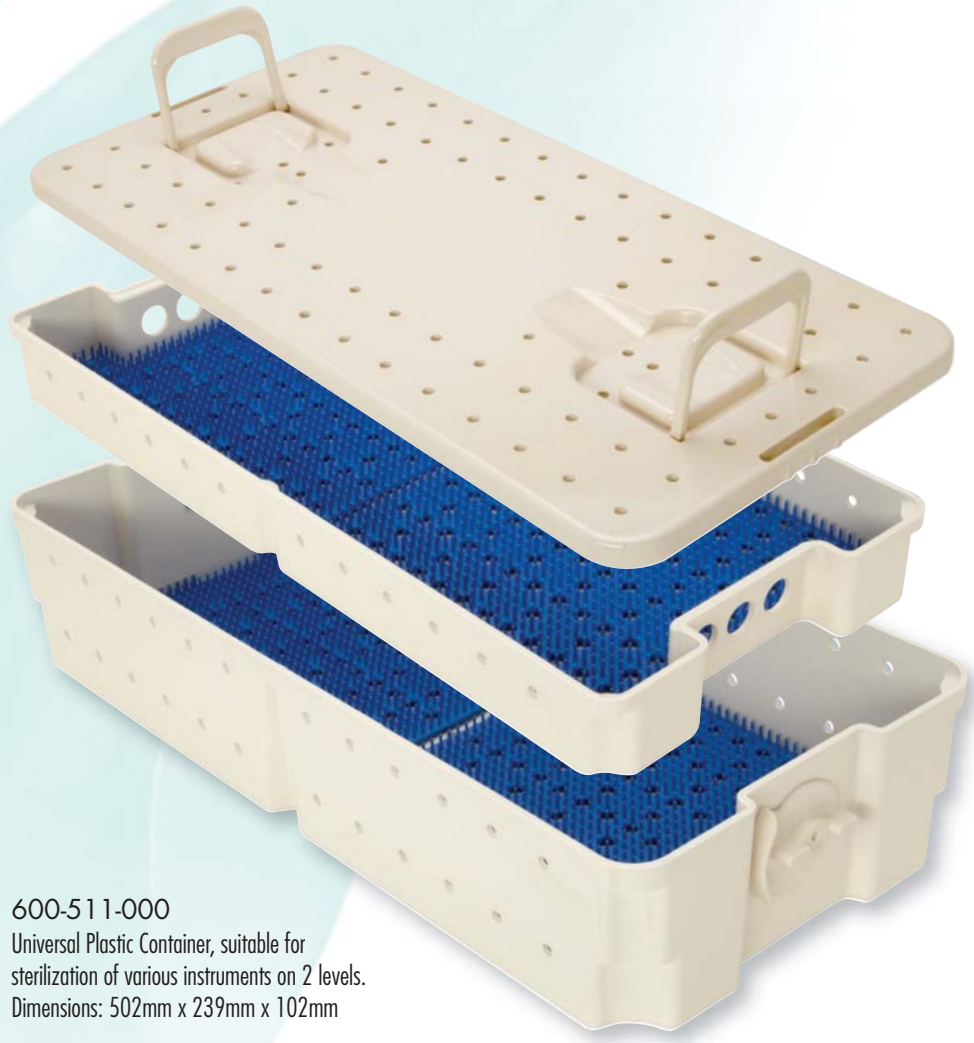


∅ 5.0 - 10mm

600-508-000
MultiClean Scope and light guide cable container to hold 3 scopes 5mm or 10mm in diameter and 1 fiber optic light guide cable.
Dimensions: 465mm x 212mm x 51mm

600-508-100
MultiClean Scope and light guide cable container to hold 2 extra long endoscopes and 1 fiber optic light guide cable.
Dimensions: 430mm x 155.5mm x 39.5mm

600-508-200
Multi Clean Scope and light guide cable container
to hold long telescopes and 1 fiber optic cable.
Dimensions: 635mm x 155mm x 39mm



600-511-000
Universal Plastic Container, suitable for
sterilization of various instruments on 2 levels.
Dimensions: 502mm x 239mm x 102mm

600-140-003 Stainless Steel Box, non perforated
210x100x30mm

600-140-013 Stainless Steel Box, perforated
210x100x30mm

600-140-004 Stainless Steel Box, non perforated
210x100x50mm

600-140-014 Stainless Steel Box, perforated
210x100x50mm

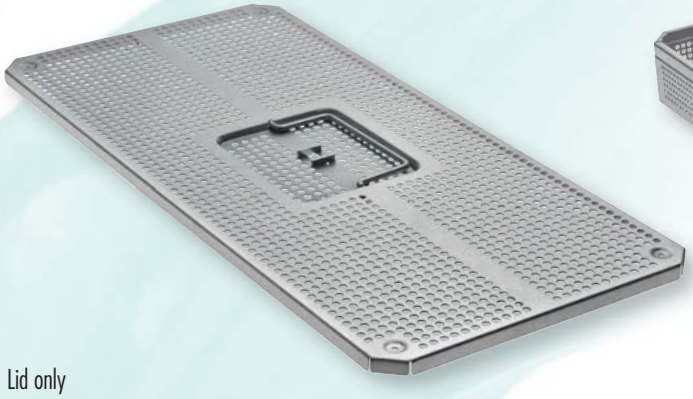
600-265-543 Stainless Steel Basket with
round perforation, with lid
265x175x43mm

Stainless Steel Basket with round perforation, with lid

1/1

545mm length

600-540-535	545 x 255 x 35mm
600-540-555	545 x 255 x 55mm
600-540-575	545 x 255 x 75mm
600-540-605	545 x 255 x 105mm

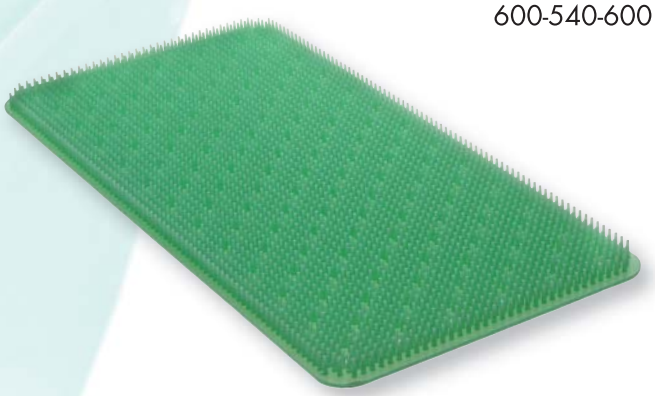


Lid only

600-540-500	545 x 255 mm

Bottom only

600-540-530	545 x 255 x 30mm
600-540-550	545 x 255 x 50mm
600-540-570	545 x 255 x 70mm
600-540-600	545 x 255 x 100mm



600-281-004 Silicone Mat green, 520x230mm

Stainless Steel Basket with round perforation, with lid

1/1

485mm length

600-485-535	485 x 255 x 35mm
600-485-555	485 x 255 x 55mm
600-485-575	485 x 255 x 75mm
600-485-605	485 x 255 x 105mm

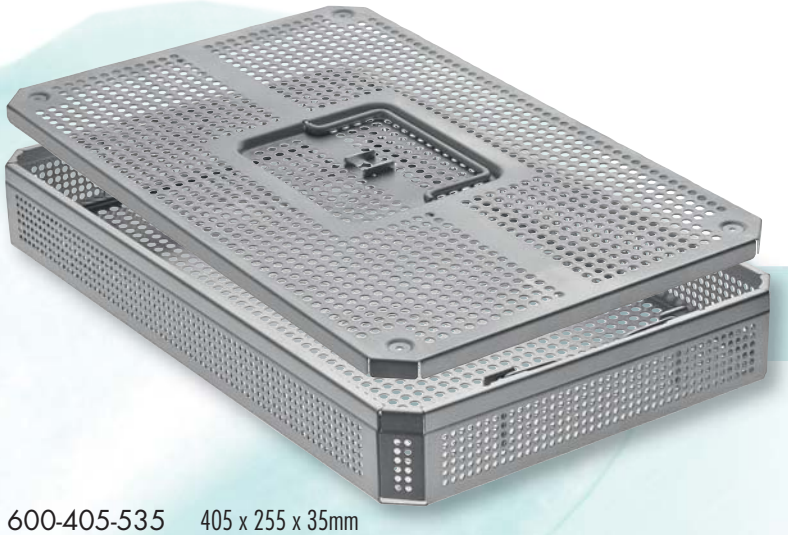
Lid only

600-485-500 485 x 255 mm

Bottom only

600-485-530	485 x 255 x 30mm
600-485-550	485 x 255 x 50mm
600-485-570	485 x 255 x 70mm
600-485-600	485 x 255 x 100mm

600-281-003 Silicone Mat green, 440x230mm

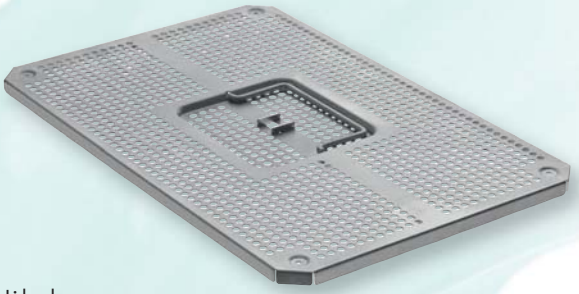


Stainless Steel Basket with round perforation, with lid

3/4

405mm length

600-405-535	405 x 255 x 35mm
600-405-555	405 x 255 x 55mm
600-405-575	405 x 255 x 75mm
600-405-605	405 x 255 x 105mm



Lid only

600-405-500	405 x 255 mm

Bottom only

600-405-530	405 x 255 x 30mm
600-405-550	405 x 255 x 50mm
600-405-570	405 x 255 x 70mm
600-405-600	405 x 255 x 100mm

600-281-002	Silicone Mat green, 380x230mm

Stainless Steel Basket with round perforation, with lid

1/2

255mm length

600-255-535	255 x 245 x 35mm
600-255-555	255 x 245 x 55mm
600-255-575	255 x 245 x 75mm
600-255-605	255 x 245 x 105mm

Lid only

600-255-500	255 x 245 mm

Bottom only

600-255-530	255 x 245 x 30mm
600-255-550	255 x 245 x 50mm
600-255-565	255 x 245 x 70mm
600-255-600	255 x 245 x 100mm

600-281-001 Silicone Mat green, 220x230mm

600-100-000
RZ-Aquajet
Water Jet Pistol complete with 9 tips and 1m pressure tubing, with strap and suspension hook

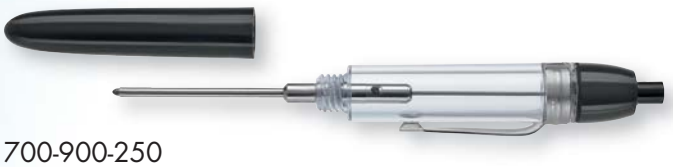
300-135-905
Cleaning brush for ∅ 5mm, 500mm length (1 piece per box)

300-135-910
Cleaning brush for ∅ 10mm, 500mm length (1 piece per box)

300-215-000
Cleaning brush, length 215mm, brush length 60mm, brush ∅ 13mm

300-420-065
Cleaning brush, length 420mm, brush length 65mm, brush ∅ 3mm

700-900-149
Oil Spray (400ml)



700-900-250
Oil Dispenser, 140mm

700-900-220
Special Cotton for polishing metal sheaths and instruments

700-900-160
Instrument Oil in 50ml bottle

351-100-200 Basic Irrigation Pump P1

This unit offers all basic functions for irrigation in hysteroscopic surgery. Thanks to hydrostatic pressure regulation, the precise pressure in the treated body part is displayed. State-of-the-art and reliable technology features this versatile Pump.

Features:

- Hydrostatic pressure regulation
- Silicone tubing set included (225-910-001)
- Easy to operate, splash-proofed display
- Highly raliable tube guide and handling
- Skid-proof pedestals

Accessories:

253-910-001	Irrigation tubing set, silicone, autoclavable	non-sterile	included
253-910-002	Irrigation tubing set, PVC, 20 pieces	sterile	optional
253-910-003	Patient tube, PVC, 2,5m, 40 pieces	sterile	optional

Delivery contains:

• Pump device • Tubing set • Mains cable • 2 Spare fuses

Technical data

Line Voltage	100-230 V/AC - Fuse T 3.15 A L 250 V
Frequency	50-60 Hz
Power Input	60 VA
Device Type acc. to DIN EN 60601-1:2005	BF
Classified acc. to EG-Guidelines 93/42/EEC	IIa
Safety Class acc. to DIN EN 60601-1:2005	I
Manufactured and tested according to	DIN EN 60601-1:2005
Radio interference suppression	DIN EN 60601-1-2:2007

Irrigation Power	0 - 1.0 l/min
Pressure Range	10 - 150 mm Hg
Operating Conditions	+10 to +40°C Realtive humidity of air: 30 - 70%
Store and Transport Conditions	- 40 to +70°C Realtive humidity of air (not condensed): 10 - 90%
Splashproofed	IPX 1
Registration	CE 1253
Measurements	380 x 130 x 400 mm (WxHxD)
Weight	Ca. 11 kg

351-100-300 HYS Pump Pro P5

P5 is a fluid irrigation pump to be used in endoscopic operations in the fields of hysteroscopy. It is equipped with a scale for fluid managment. Hydrostatic pressure compensation procedure ensures correct pressure reading.
Highest safety is ensured by air bubble detection.

351-100-201
Tubing Set included

Features:

- Advanced fluid management system for Hysteroscopy
- Scale for fluid management
- Hydrostatic pressure compensation (level)
- Acoustic and visual air bubbles warning system

Accessories:

351-100-201	Tubing Set "Irrigation", silicone, autoclavable	non-sterile	included
351-100-202	Irrigation tubing set, PVC, 20 pieces	sterile	optional
351-100-206	Patient tube, PVC, 2,5m, 40 pieces	sterile	optional
351-100-301	Scale incl. mounting accessories	non-sterile	included

Delivery contains:

- Pump device
- Irrigation tubing set
- Scale
- 2 Spare fuses
- Operating Manual

Fluid management compares input and output continuously. Tolerable difference and maximum tank volume can be adjusted. The scale works with a great variety of containers. Overflow of liquid is prevented automatically.

Technical Data

Line voltage	100-240V/AC – Fuse T3.15A L 250V
Frequency	50-60 Hz
Power input	max. 80 VA
Device type	BF
Classified acc. to EG-Guidelines 93/42/EEC	IIa
Protection class	I
Setup	DIN EN 60601-1:2005
Radio interference suppression	DIN EN 60601-1-2:2007
Irrigation Power	0 - 0.500 L/min
Pressure range	10-200 mm Hg
Temperature range	+10 - +40°C
Operating conditions	+10 to +40°C, relative humidity of air: 30-70%

Storage and transport conditions	-40 to +70°C, relative humidity of air (not condensed): 10-90%
Splash-water protection	IPX 1
Registration	CE 1253
Measurements	380 x 130 x 400 mm (WxHxD)
Weight	Ca. 11 kg
Scale	Rated load up to 35 Kg
- Measurements	270x270x400mm (WxHxD)
- Weight	ca. 5kg
- Container volume	0 - 9.9 L
- Fluid balance	0 - 2.0 L (volume fluid loss)

FULL HD

300-001-800 HD Camera F3 - High End

PURE NATURAL COLORS

F3 - The pride of the RZ Equipment range and flagship in medical camera systems. A Full HD camera system generates cristal clear images of highest resolution with 1920 x 1080 p. The latest MOS technology produces pure natural colors for safe and unequivocal diagnoses. A user-friendly multilingual menu allows a large variety of setups for individual procedures and surgeons preferences. The ergonomic camera head features 3 remote control buttons which can be programmed by the user as required during surgery. A multitude of digital video outputs allows the best possible picture transmission to the medical grade monitors.

Features:
- 3-Chip Full HD camera with latest MOS technology for brilliant picture quality
- User-friendly multilingual menu allows a large variety of setups for individual procedures and surgeons preferences
- Ergonomic camera head with 3 programmable remote control buttons by the user as required during surgery
- Multitude of digital video outputs for best possible picture transmission to the medical grade monitors
- Full HD • HDMI output
- White balance, boost function • On-screen-menu
- 3 user settings storable • 2.5x digital zoom
- Freeze function • Character generator

Delivery contains:
- Main Unit • Camera head • YPbPr/RGB cable
- BNC cable • HDMI - DVI cable • HDMI cable
- S-Video cable • Jack Cable • Mains cable
- User manual

300-001-802
High-End camera
head included

300-001-802
High-End 3-Chip Camera Head
Full HD 1920 x 1080 p

300-001-615
Title generator keyboard, waterproof IP68
US-Layout, PS/2 Connector, cable 1.8m
Color: grey, 305x140x15mm, 600gr.

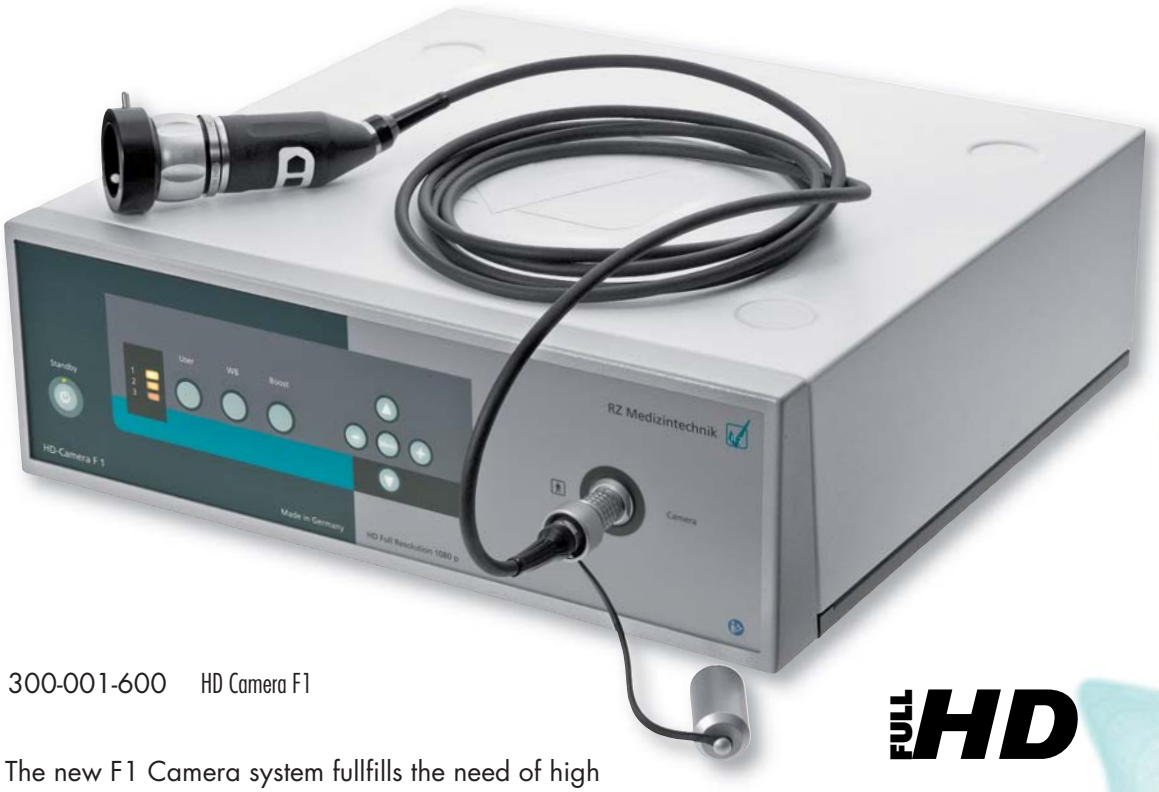
300-001-610
Footswitch for HD Cameras,
cable length: 2m

User-friendly, splash-proofed display

Skid-proof pedestals

Technical Data

Camera head	• Aspect ratio: 16:9 • Image sensor: 3 - Chip • Immersible (using the attached cap)
System	• Image resolution: Full HD 1920 x 1080 • TV resolution: > 1000 lines • Sensivity: < 3 lux (1/1.4) • White balance automatically, with data hold shutter speed: 1/50 (1/60) to 1/100.000 sec • Power supply: 100 / 240 V, 50-60 Hz • Power consumption: 20W • Fuses: 2 Fine fuses, 5x20 mm, delay acting 3,15 AT (I=1500A)
Video out terminal	• 2 x HD SDI • 1 x HDMI / DVI • 1 x YPbPr (Component) • 1 x Y/C (Pal / NTSC) • 1 x CVBS (Pal / NTSC)
Standard	• Protection class: I • Application part: Type BF • IEC 601-1, EN 60601-1; classification acc. 93/42/EEC: I
Dimensions	• Control unit: 380 x 120 x 360 mm (WxHxD); 11 kg



300-001-600 HD Camera F1

FULL HD

The new F1 Camera system fullfills the need of high resolution in Video Endoscopic Surgery. Thanks to Full HD resolution combined with newest technology this camera generates cristal-clear images with highest attention to detail that allows better diagnostics and efficient surgery.

Features:
- 1-Chip Full HD camera of the latest generation, with superior image quality in high definition
- Natural color reproduction
- High-end image quality is provided by fully digital, high-speed image processing, separated for red, green and blue channels
- Significantly higher image quality and virtually all movements are eliminated
- Full HD • HDMI out • White balance, boost function
- On-screen-menu • 3 user settings storable • 2.5x digital zoom
- Freeze function • Character generator

Delivery contains:
- CCU • Camera head with 3m cable
- Mains cable • YPbPr/RGB cable
- BNC cable • HDMI - DVI cable
- HDMI cable • RGB cable
- User manual

Optional available:

300-001-615 Title generator keyboard
300-001-610 Footswitch for HD Cameras

Technical Data

Line Voltage	100-240 VAC
Sensor	1/3" MOS
TV resolution	1920x1080 pixels (Full HD)
Image resolution	>1000 TV lines, horizontal
Index ratio	16:9
Min. sensitivity	<3lx (1/1.4)
Video Outputs	1 x HDMI 1 x YPbPr / RGB 1 x S-Video (Y/C; Pal / NTSC) 1 x Video (CVBS; Pal / NTSC)

Manufactured and tested according to	IEC 601-1, EN 60601-1, MDD 93/42/EEC
CE marking according to	MDD 93/42/EEC
Protection Class	I
Application part	BF
Dimensions	Control Unit: 380 x 120 x 360 mm (WxHxD), 11kg Camera Head: 105g

USB port for use with flash drives to record data

300-001-410 Camera Z2

The new Z2 Endoscopic Camera is a universal system suitable for both diagnostics and surgery.
The 1CCD technology generates clear pictures with a high resolution and natural colors. A digital Anti Moiré filter automatically eliminates disturbing distortions when using flexible endoscopes. Pictures and Movies can be stored easily on a USB stick. The collected informations can be used for an extensive documentation of the procedure. The leightweigt camera head ensures a fatigue-free working. All features of the camera can be directly controlled and set up on a menu which is shown on the monitor. The 3 remote control buttons on the camera head can be programmed by the user as required during surgery.

Features:
- State-of-the-art CCD-Camera, true colour reproduction
- All features of the camera can be directly controlled and set up on a menu
- To be prepared to work under extreme illumination conditions, the control unit offers further features to improve the image quality (WINDOW- and PEAK-function)
- Lightweight camera head ensures fatigue-free working

Delivery contains:
• CCU • Camera head • USB cable • Composite cable
• YPbPr/RGB cable • BNC cable • Jack cable
• 4GB USB Stick • Mains cable • User manual

Technical Data

Line Voltage	100-240 VAC, 50-60 Hz
Resolution	active pixels: - 752 H x 582 V - 768 H x 494 V
TV resolution	470 lines
Sensitivity	1 lux (1/1.4)
Aspect ratio	4:3
Image Sensor	1/3" CCD
Video Outputs	• 2 x CVBS (1Vpp/75Ω), BNC • 2 x Hosiden (Y/C) • 1 x YPbPr • 1 x SDI • 1 x USB

Protection Class	I
Application part	BF
Manufactured and tested according to	IEC 601-1ff, EN 60601-1ff
CE marking according to	MDD 93/42/EEC
Dimensions	Control Unit: 380 x 120 x 360 mm (WxHxD), 11kg Camera Head: 105g

300-001-400 Camera Z1

The new Z1 Endoscopic Camera is a universal system suitable for both diagnostics and surgery.
The 1CCD technology generates clear pictures with a high resolution and natural colors. A digital Anti Moiré filter automatically eliminates disturbing distortions when using flexible endoscopes. All features of the camera can be directly controlled and set up on a menu which is shown on the monitor.

Features:
- State-of-the-art Color - CCD-Camera
- True color reproduction
- To be prepared to work under extreme illumination conditions, the control unit of the camera offers further features to improve the image quality (WINDOW- and PEAK-function)
- Lightweight camera head ensures a fatigue-free working

Delivery contains:
• CCU • Camera head • USB cable • Composite cable
• YPbPr/RGB cable • BNC cable • Jack cable
• Mains cable • User manual

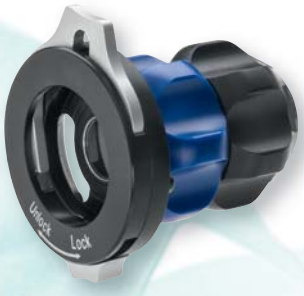
Technical Data

Line Voltage	100-240 VAC, 50-60 Hz
Resolution	active pixels: - 752 H x 582 V - 768 H x 494 V
TV resolution	470 lines
Sensitivity	1 lux (1/1.4)
Aspect ratio	4:3
Image Sensor	1/3" CCD
Video Outputs	• 2 x CVBS (1Vpp/75Ω), BNC • 2 x Hosiden (Y/C) • 1 x YPbPr • 1 x SDI

Protection Class	I
Application part	BF
Manufactured and tested according to	IEC 601-1ff, EN 60601-1ff
CE marking according to	MDD 93/42/EEC
Dimensions	Control Unit: 380 x 120 x 360 mm (WxHxD), 11kg Camera Head: 105g

FULL COMPLEMENT OF HEAD CONFIGURATIONS

300-001-813 f=14mm
300-001-814 f=25mm
300-001-815 f=28mm
c-mount, soakable, Full HD



250-018-050
Zoom parfocal
Stays in focus while adjusting zoom magnification
f=18-50 mm, c-mount, soakable
Full HD

250-015-036
Zoom-TV-Adapter
f=15 - 36mm
c-mount, soakable
Full HD

250-020-025 F=25mm (splitting 90/10)
250-020-030 F=30mm (splitting 90/10)
Beamsplitter, allows simultaneous video and direct views, c-mount, soakable, Full HD

250-022-025 F=25mm
250-022-030 F=30mm
Angled 90°, with swivel and fixation, c-mount, soakable, Full HD

FULL HD

DAViD instinctive diagnostic & record central data software

Software system for the collecting and archiving of video findings in the medical field based on state-of-the-art PC technology Windows VISTA / XP, DirectX, DV digital Video – device independent

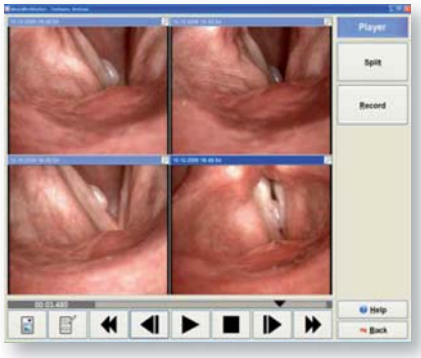
Multilingual
English, French, German, Italian, Russian, Spanish

Intuitive
dialog-oriented user interface for smooth integration into everyday practice

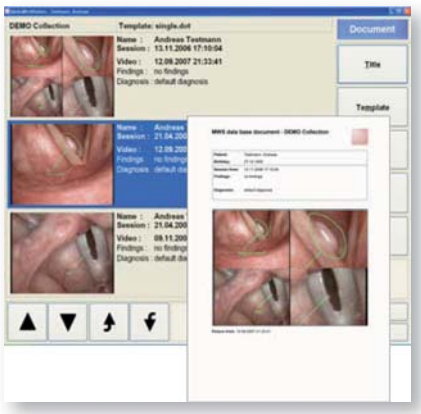
Ready for network
one point data storage and simultaneously video recordings

Integrated license module
after a demo period of 30 days the software needs to be activated via an activation key

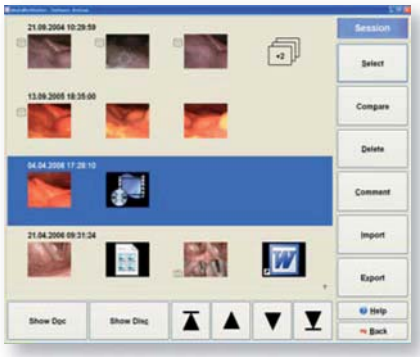
300-001-190	Software, full Version
300-001-192	Software, without recording possibilities



Diagnostics & Results
- high video and freeze image quality / natural reproduction of motion sequences
- Multiple-split display during recording and playing
- automatic optimization of stroboscopic recordings
- recording controllable by foot or camera switch
- simple-to-use video cut function
- integrated database of findings and diagnoses allows quick workflow
- **integrated On-Screen-Keyboard for touch screen displays**



Recordings & Documentation
- graphics marks for emphasizing of findings
- MPEG2 video export with optional overlay of patient data and session comments
- integrated CD/DVD recording
- image export in the DICOM format
- Compare-function for videos and pictures
- automatic creation of diagnostic letters in MS Word format with freely definable document templates
- textual export of patient and diagnostic data for passing on and statistical evaluations



Management
- patient data is stored in structured database
- automatic assignment of videos, findings, diagnoses and comments to patients and data sets
- search and edit functions
- drag'n'drop import of pictures and documents
- native support for MediCapture USB sticks
- data exchange with other systems via remote interface
- user management for controlling access and edit rights

LED

300-900-300 LUMEN LED 3

PHASER® TECHNOLOGY

Latest PHASER® Technology for unsurpassed medical lighting. Excellent light sources are characterized by high color rendering, high luminance and a very low ultraviolet and infrared radiation. With the LUMEN LED 3 light source RZ Medizintechnik offers the latest technology in medical lighting, Made in Germany. Whether the light source is used with modern head lights or in endoscopic surgeries, the new PHASER® technology always generates enough light for meaningful pictures.

Features:
- More then 10.000h lamp lifetime
- Latest PHASER® – Technology
- Waterproof touch control panel
- High color rendering
- High luminance
- Daylight color temperature
- Low noise level
- No UV or IR light
- Low power consumption

Delivery contains:
- Main Unit • BNC cable • Mains cable
- User manual

Automatic light control

Controlable daylight quality

Technical Data

Mains voltage	100-240 VAC, 50-60 Hz
Power consumption	300W
Mains fuses	2 Fine fuses, 5x20mm, delay acting 6,3 AT, with high breaking capacity (Ia = 1500 A)
LED Lifetime	> 10.000h
Color temperature	6000 – 6500° K
Connections	Light guide STORZ
Video-IN terminal	1 x VHS (BNC)
Service	1 x RJ45
Storage temperature	- 20°C to +60°C
Operation temperature	+10°C to +40°C

Relative humidity	
Storage:	10% to 90%
Operation:	30% to 75%
Atmospheric pressure	
Storage:	600 mbar to 1300 mbar
Operation:	700 mbar to 1060 mbar
Classification / Conformity	1 / BF
Test according to	IEC 601-1ff, EN 60601-1ff
CE marking according to	MDD 93/42/EEC
Dimensions	380 x 125 x 360 mm (WxHxD)
Weight	approx. 12.5 kg

LED

300-900-180 LUMEN LED 1

Benefit of the newest LED technology - this Light Source offers increased luminous efficiency by lowest heat conduction and operating costs. The daylight quality LED Lamp lifetime is more than 20.000 hours to provide enhanced working.

Features:
- More than 20.000h lamp lifetime
- Manual or automatic light control
- Waterproof touch control panel
- Low heat conduction by improved LED technology
- Daylight color temperature 6000 – 6500° K for accurate color representation

Delivery contains:
• Light source • Mains cable • BNC cable • User manual

Automatic or manual light intensity control

Digital light intensity display

Technical Data

Lamp	100W LED (approx. 1300 lm) Daylight quality, 6000-6500 K Lifetime: more than 20.000 hr
Light guide connection	RZ/Storz adapter
System	Power supply: 100/240 VAC, 50-60 Hz Fuses: 2 Fine fuses, 5x20mm, delay 6,3 AT (I=1500A) Power consumption: 100W

Video In (opt.)	1x Video, 1x S-Video (Y/C) (automatic Version only)
Standard	Protection class: I Application part: Type BF IEC 601-1, EN 60601-1; classification acc. 93/42/EEC: I
Dimensions	380 x 120 x 360 mm (WxHxD); 11 kg

300-001-308 LUMEN X7	300-001-305 LUMEN X5	300-001-200 LUMEN X2
2 turret adapters (revolvable) • RZ, Storz • Wolf • Olympus • ACMI	1 turret adapter (revolvable) • RZ, Storz • Wolf • Olympus • ACMI	1 turret adapter (revolvable) • RZ, Storz • Wolf • Olympus • ACMI
300 Watt Xenon arc lamp 150 Watt Halogen spare lamp	300 Watt Xenon arc lamp –	180 Watt Xenon arc lamp –
Power Consumption: 370 Watt	Power Consumption: 370 Watt	Power Consumption: 250 Watt

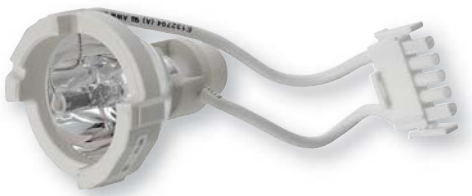
These new high-performance Xenon daylight sources provide excellent illumination and a long lamp lifetime for at least 500 hours. After activating the automatic function and with plugged BNC-Cable, the device automatically controls the intensity to guarantee the optimal image for the surgeon. The turrett adapter enables an universal connection of the most common light guides.

Features:
• Automatic light intensity control • Pure daylight quality • Easy lamp replacement • > 500hr lamp lifetime
• Mechanical diaphragm to adjust the output intensity without any influence on the color temperature

Delivery Contains:
• Light Source • BNC Cable • Mains Cable • User Manual

Automatic and manual light control

Lamp lifetime indicator


300-001-181 XENON Spare Lamp 180 Watt
300-001-301 XENON Spare Lamp 300 Watt

Technical Data

System	Power supply: 100-240 V AC, 50-60 Hz
Fuses	2 Fine fuses, 5x20 mm, delay 6,3 AT (I=1500A)
Video In	1 x VBS (1Vpp/75), BNC only)
Protection class	I

Application part	Type BF
Classification	IEC 601-1, EN 60601-1
CE marking according to	MDD 93/42/EWG
Dimensions	380 x 120 x 360 mm (WxHxD)
Weight	approx. 11kg

300-001-300 LUMEN X3	300-001-180 LUMEN X1
300 Watt Xenon arc lamp	180 Watt Xenon arc lamp
Power Consumption: 370 Watt	Power Consumption: 250 Watt

Pure daylight quality together with low noise and heat conduction - this Xenon Light Sources offers all functions needed to illuminate the field of view.
The lamp can be replaced simply.

Features:
• Manual light intensity control • Pure daylight quality • Easy lamp replacement • > 500hr lamp lifetime
• Lap fixed in a reflector - calibration is not necessary • Mechanical diaphragm to adjust the output intensity without any influence on the color temperature • RZ/Storz light guide

Delivery Contains:
• Light Source • BNC Cable • Mains Cable • User Manual

Manual light intensity control

Lamp lifetime indicator

300-001-181 XENON Spare Lamp 180 Watt
300-001-301 XENON Spare Lamp 300 Watt

Technical Data

System	Power supply: 100-240 V AC, 50-60 Hz	Application part	Type BF
Fuses	2 Fine fuses, 5x20 mm, delay 6,3 AT (I=1500A)	Classification	IEC 601-1, EN 60601-1
Video In	1 x VBS (1Vpp/75), BNC only)	CE marking according to	MDD 93/42/EWG
Protection class	I	Dimensions	380 x 120 x 360 mm (WxHxD)
		Weight	approx. 11kg

High Temperature XENON Light Cables

The advanced High Temperature Xenon Light cables feature a built-in glass rod on the light source side to protect the fibers from melting when the cables are used with high-power Xenon light sources.

All 3.5mm and 4.8mm light cables feature a robust silicone hose to protect the light cables against damages like cuts or crushes.

A bending protection on the connectors is a basic feature of every RZ High Temperature Xenon Light cable.

XENON light guide, without adaptor pieces

250-035-180	Ø 3.5 mm, 1800 mm
250-035-230	Ø 3.5 mm, 2300 mm
250-035-300	Ø 3.5 mm, 3000 mm
250-048-180	Ø 4.8 mm, 1800 mm
250-048-230	Ø 4.8 mm, 2300 mm
250-048-300	Ø 4.8 mm, 3000 mm

3.5 mm and 4.8 mm fiber optic

Adaptor pieces for fibre light guide to use with **light source**

250-039-000 RZ/Storz

250-037-000 Wolf

250-038-000 ACMI/British Standard
CUDA

250-044-000 Olympus

250-048-000 Luxtec

250-045-000 Olympus - Standard

250-051-000 Stryker

250-052-000 Heine

250-059-000 Pentax

250-042-000 RZ/Storz/Olympus

250-040-000 Wolf

250-041-000 ACMI/British Standard

Adaptor pieces for fibre light guide to use with **endoscope**

700-350-400
Highfrequency Surgery Generator
for bipolar TUR-B/P and monopolar TUR-P

- Detects and identifies connected instrument automatically
- Powerstart System simplifies the beginning of cutting process
- Automatic power regulation
- 105 different memory locations in 7 groups
- Various output configuration of the sockets available
- Footswitch

Touchscreen

Technical Data

SAFETY FEATURES	
Class / Grade	I / CF
Low-frequency leakage currents	acc. to IEC 60601-1
High-frequency leakage currents	acc. to IEC 60601-2-2
Generator operation frequency	333 kHz
Defibrillation impulse resistance	acc. to to EN 60601-1
NEM System	neutral electrode control optical indication 7 levels required restistance < 240 Ω

ARGON*	
Gas Type	pure argon 4.8 (99,998%) or higher
Inlet gas pressure	0.25-0.4 [MPa]
Gas Outflow	0.1-10 l/min, regulated 0.1 l/min in whole range
Pressure Range	reducer (0.4 MPa) on argon cylinder

THERMOSTAPLER® **	
Vessel sealing system	9 effects/300W
AutoStop	automatic stop of sealing process after achiving the optimal effect

WEIGHT AND DIMENSIONS	
Weight	12.2kg
Dimensions	495 x 415 x 225mm (LxWxH)

POWER SUPPLY	
Supply voltage	230 V +/- 10% 50 Hz or 110 V +/- 10% 60 Hz
Rated power input	500W

Cutting and Coagulation features

MONOPOLAR CUTTING	
Mono Cut	9 effects/350W
Precise Cut	9 effects/50W
Mixed Cut	9 effects/150W
Polipo Cut**	9 levels
Papillo Cut**	9 levels
Artro Cut**	9 levels
Uro Cut**	9 levels
Hystero Cut**	9 levels
Argon Cut**	9 effects/350W

BIPOLAR CUTTING	
Bi-Cut**	9 effects/120W
Uro Bi-Cut**	9 levels
Artro Bi-Cut**	9 levels

MONOPOLAR COAGULATION	
Soft Coag	9 effects/200W
Forced Coag	9 effects/200W
Spray Coag	80W
Hybrid Coag	9 effects/200W
Standard Argon*	80W
Endo Argon*	40W
Pulse Argon*	40W
Uro Coag**	9 levels
Artro Coag**	9 levels
Hystero Coag**	9 levels

BIPOLAR COAGULATION	
Soft Bi-Coag	9 effects/120W AutoStart/AutoStop
Forced Bi-Coag	9 effects/120W AutoStop
Uro Bi-Coag**	9 levels
Artro Bi-Coag**	9 levels
Sciss Bi-Coag**	9 levels

Modifications of technical specification or design are subject to change without prior notice.

* available only for Argon version
** special mode available only for dedicated SDS cable/instrument connected

The **RZ iLumen Endovue** offers a high definition interface (HDTV) featuring high brightness, high resolution, exceptional contrast, and true color reproduction with unsurpassed visual quality. The RZ iLumen delivers the key advantages of the series from RZ in environments where only video- based images are required. Multiple sizes and high flexibility make it ideal for a wide variety of surgical and other applications.

High Definition Imaging, Superior Clarity, Consistency, Quality, Fastest Response time (10-16ms), Widest Viewing Angle, Widest colour Gamut, Programmable User and Modality Preferences, Re-Drive Capability Enables Image Viewing on Multiple Displays, Video-Switching with Serial Port Interface, Save low Voltage 24 VDC Remote Power, Compact and lightweight.

Model / Type	300-001-145	300-001-149	300-001-146
Size	15" / 20.0x9 inches	19" / 14.8x11.9 inches	24" / 20.4x12.8 inches
Resolution	1024x768 (XGA)	1280x1024 (SXGA)	1920x1200 (WUXGA)
Signal Input	SVideo, Composite, RGBS, DVI		
Viewing angle	178°		
LCD Panel	TFT Active Matrix		

The **RZ HD iLumen RADIANCE** surgical flat panel display is the worldwide LCD monitor of choice for surgeons and operating terms. Its superior HDTV capabilities including HD – SDI and YPbPr – and sophisticated signal processing produce sharp, accurate, true and very bright images. The RZ iLumen is the only medical-grade flat panel for simultaneous use as a Radiology, Fluoroscopy, Physiology, and/or minimally Invasive Surgery display.

Full HD and Digital Capable, Full Range of Analog Surgical Inputs, DICOM Response DVI Input for PACS, Fingertip/Footswitch Instant Remote Switching between sources, High Resolution, High Bright LCD with Wide Viewing Angle, Fully Compliant Medical Grade, FDA, UL and CE Approved, Re- Drive Capability Enables Image Viewing on Multiple Display, Traditional 4:3 Aspect Ratio, Surgeon- Specific User Selectable Settings.

Model / Type		300-010-224	300-010-226	300-001-232
Size	19" / 14.8x11.9 inches	24" / 20.4x12.8 inches	26" / 22.7 x 12.7 inches	32" / 27.5x15.4 inches
Resolution	1280x1024 (SXGA)	1920x1200 (WUXGA)	1920x1080 (FULL HD)	1920x1080 (FULL HD)
Signal Input	SDI, HD-SDI, RGBS, YPbPr, SVideo, Composite, DVI, VGA			
Viewing angle	178°			
LCD Panel	TFT Active Matrix with IPS			

The 21" iLumen Endovue SE delivers the image performance of a high-end surgical display at a fraction of the cost. Targeted for cost-sensitive emerging markets this monitor is a great value. It features an LED backlight and supports both digital and analog high-definition video inputs. The 21" iLumen Endovue SE is an affordable alternative to a full-featured surgical display.

It accommodates high-definition signals from a variety of medical imaging sources, including endoscopes, ultrasound, PACS, and vital signs. It also features a fanless cooling design to minimize the risk of spreading airborne contaminants within the sterile field.

ONLY AVAILABLE OUTSIDE EU + NORTH AMERICA

Model / Type	300-001-148
Size	21,5" / 18.8 x 10.6 inches
Resolution	1920 x 1080 (Full HD)
Signal Input	DVI, RGBS, YPbPr, VGA, S-Video, Composite
Viewing angle	178°
LCD Panel	TFT Active Matrix with IPS, LED-Backlight

The innovative sugical Monitors of Sony deliver advanced image processing technology and enable physicians to see still and moving images with accurate, HD clarity and precision.

Model / Type	300-001-025	300-001-021	300-001-023	300-001-026
Size	19" / 14.8x11.9 inches	21" / 18.8x10.7 inches	24" / 20.4x12.8 inches	24" / 20.4x12.8 inches
Resolution	1280 x 1024 (SXGA)	1920x1080 (FULL HD)	1920x1200 (WUXGA)	1920x1080 (FULL HD)
Signal Input	Composite, Y/C, RGB (BNC), HDMI, Audio Jack	Composite, Y/C, RGB (BNC), HDMI, Audio Jack	Composite, Y/C, RGB (BNC), DVI-D, VGA	Composite, Y/C, RGB (BNC), DVI-D, VGA
Viewing angle	170°			
LCD Panel	a-Si Active Matrix TFT	a-Si Active Matrix TFT	a-Si Active Matrix TFT LED	Medical OLED

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253-000-266	30	253-300-307	27	300-001-023	79	300-100-126	47
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253-000-366	30	253-300-309	27	300-001-026	79	300-135-905	61
253-000-400	34	253-300-310	27	300-001-145	80	300-135-910	61
253-000-401	34	253-300-311	28	300-001-146	80	300-215-000	61
253-300-201	27	253-300-312	28	300-001-148	79	300-400-900	46
253-300-201S	29	253-320-225	46	300-001-149	78	300-400-901	46
253-300-202	27	253-321-225	46	300-001-180	74	300-420-065	61
253-300-203	27	253-322-225	46	300-001-181	73	300-503-021	23
253-300-203S	29	253-323-225	46	300-001-190	70	300-503-052	23
253-300-204	27	253-324-225	46	300-001-192	70	300-503-080	22
253-300-205	27	253-325-225	46	300-001-200	73	300-503-082	22
253-300-205S	29	253-326-225	46	300-001-300	74	300-503-710	23
253-300-206	27	253-327-225	46	300-001-301	73	300-503-731	23

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320-721-180	46	351-116-235	18	351-400-405	37	351-829-130	10
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320-721-240	46	351-117-305	18	351-400-630	14	351-905-400	17
350-158-003	46	351-117-335	18	351-400-650	13	351-905-500	17
350-400-250	47	351-118-305	18	351-400-700	13	600-100-000	61
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350-660-113	46	351-120-305	18	351-410-327	19	600-140-014	56
350-660-114	46	351-120-335	18	351-410-425	19	600-255-500	60
350-660-115	46	351-124-105	19	351-420-427	19	600-255-530	60
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350-755-017	47	351-126-335	18	351-500-070	16	600-255-605	60
351-000-180	33	351-200-100	17	351-500-160	16	600-265-543	56
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351-000-501	39	351-385-360	20	351-720-500	8	600-405-555	59
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